



INVITATION TO BID (ITB)

2500-GALLON ELLIPTICAL TANKER NAVISTAR MODEL 7600 4-DOOR CHASSIS

ITB Number:	10-0809	Contracting Officer:	Roseann Johnson, CPPB
Bid Opening Date:	April 28, 2010	Pre-Bid Date:	Not applicable
Bid Opening Time:	3:00 pm	Issue Date:	March 24, 2010

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SPECIFIC SOLICITATION REQUIREMENTS ARE AS NOTED BELOW:

Proposal and/or Performance Bond:	Not applicable for this ITB
Certificate of Competency/License:	Not applicable for this ITB
Indemnification/Insurance:	See Section 1.8
Pre-Bid Conference/Walk-Thru:	Not applicable for this ITB

At the date and time specified above, all bids that have been received in a timely manner will be opened, recorded, and accepted for consideration. The names of the bidders submitting bids will be read aloud and recorded. The bids will be available for inspection during normal business hours in the Office of Procurement Services within ten (10) working days after the official bid opening date. When countersigned by an authorized County representative, this document and any specifically identified attachments may form the formal contract document binding the parties to all performance specified herein.

Vendors shall complete and return the entirety of this ITB Document, and attach all other information requested in this ITB document (See Provision 1.13). Failure to sign the bid response, or to submit the bid response by the specified time and date, may be cause for rejection of the bid.

NO-RESPONSE REPLY

If any vendor does not want to respond to this solicitation at this time, or, would like to be removed from Lake County's Vendor List, please mark the appropriate space, complete name below and return this page only.

- ☐ Not interested at this time; keep our firm on Lake County's Vendors List for future solicitations for this product / service
- ☐ Please remove our firm from Lake County's Vendor's List for this product / service.

VENDOR IDENTIFICATION

Company Name: _____	Phone Number: _____
E-mail Address: _____	Contact Person: _____

Section 1.1: Purpose

The purpose of this solicitation is to establish a contract for furnishing and delivering of a complete 2500 Gallon Elliptical Tanker, Navistar Molder 7600, 4 Door Chassis in conjunction with the County's needs.

Section 1.2: Designated Procurement Representative

Questions concerning any portion of this solicitation shall be directed in writing [fax and e-mail accepted] to the below named individual who shall be the official point of contact for this solicitation. Questions should be submitted no later than five (5) working days before the bid opening date.

Roseann Johnson, CPM, CPPB, Senior Contracting Officer
Lake County BCC
Office of Procurement Services
315 W. Main Street, Room 416
PO BOX 7800
Tavares, FL 32778-7800

Phone : 352.343.9839
Fax : 352.343.9473
E-mail: rjohnson@lakecountyfl.gov

No answers given in response to questions submitted shall be binding upon this solicitation unless released in writing as an addendum to the solicitation by the Lake County Department of Procurement Services.

Section 1.3: Method of Award

As the best interests of the County may require, the County reserves the right to make award(s) on a lowest price basis by individual item, group of items, all or none, or a combination thereof; with one or more suppliers; to reject any and all offers or waive any minor irregularity or technicality in bids received.

Section 1.4: Pre-Bid Conference / Site Visits

Not applicable to this solicitation

Section 1.5: Term of Contract - Upon Acceptance of Goods or Services

The performance period under this contract shall commence upon the date of the purchase order or related Notice To Proceed and shall remain in effect until such time as the commodities, equipment and/or services acquired in conjunction with this solicitation and resulting contract have been delivered and/or completed, and accepted by the County's authorized representative, and will then remain in effect until completion of the expressed and/or implied warranty periods.

Section 1.6: Option to Renew

Not applicable to this solicitation

Section 1.7: Method of Payment - Invoice for Single Delivery

The vendor shall submit an invoice to the County user department(s) that requested the items through a purchase order. The date of the invoice shall not exceed thirty (30) calendar days from the delivery of the goods or services. Under no circumstances shall the invoice be submitted to the County in advance of the delivery and acceptance of the items. In addition to the general invoice requirements stated below, the invoice shall reference, or include a copy of, the corresponding delivery ticket number or packing slip number that was signed by an authorized representative of the County user department at the time the items were delivered and accepted.

All invoices shall contain the contract and/or purchase order number, date and location of delivery or service, and confirmation of acceptance of the goods or services by the appropriate County representative. Failure to submit invoices in the prescribed manner will delay payment, and the vendor may be considered in default of contract and its contract may be terminated. Payments shall be tendered in accordance with the Florida Prompt Payment Act, Part VII, Chapter 218, Florida Statutes.

Section 1.8: Insurance (Purchase Over \$25,000)

Each vendor shall include in its solicitation response package proof of insurance capabilities, including but not limited to, the following requirements: [This does not mean that the vendor must have the coverage prior to submittal, but, that the coverage must be in effect prior to a purchase order or contract being executed by the County.]

An original certificate of insurance, indicating that the awarded vendor has coverage in accordance with the requirements of this section, shall be furnished by the vendor to the Contracting Officer within five (5) working days of such request and must be received and accepted by the County prior to contract execution and/or before any work begins.

The vendor shall provide and maintain at all times during the term of any contract, without cost or expense to the County, policies of insurance, with a company or companies authorized to do business in the State of Florida, and which are acceptable to the County, insuring the vendor against any and all claims, demands or causes of action whatsoever, for injuries received or damage to property relating to the performance of duties, services and/or obligations of the vendor under the terms and provisions of the contract. The vendor is responsible for timely provision of certificate(s) of insurance to the County at the certificate holder address evidencing conformance with the contract requirements at all times throughout the term of the contract.

Such policies of insurance, and confirming certificates of insurance, shall insure the vendor is in accordance with the following minimum limits:

General Liability insurance on forms no more restrictive than the latest edition of the Occurrence

SECTION 1– SPECIAL TERMS AND CONDITIONS

ITB Number: 10-0809

Form Commercial General Liability policy (CG 00 01) of the Insurance Services Office or equivalent without restrictive endorsements, with the following minimum limits and coverage:

Each Occurrence/General Aggregate	\$1,000,000/2,000,000
Products-Completed Operations	\$2,000,000
Personal & Adv. Injury	\$1,000,000
Fire Damage	\$50,000
Medical Expense	\$5,000
Contractual Liability	Included

Automobile liability insurance, including owned, non-owned, and hired autos with the following minimum limits and coverage:

Combined Single Limit	\$1,000,000
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Workers' compensation insurance based on proper reporting of classification codes and payroll amounts in accordance with Chapter 440, Florida Statutes, and/or any other applicable law requiring workers' compensation (Federal, maritime, etc). If not required by law to maintain workers compensation insurance, the vendor must provide a notarized statement that if he or she is injured; he or she will not hold the County responsible for any payment or compensation.

Employers Liability insurance with the following minimum limits and coverage:

Each Accident	\$1,000,000
Disease-Each Employee	\$1,000,000
Disease-Policy Limit	\$1,000,000

Professional liability and/or specialty insurance (medical malpractice, engineers, architect, consultant, environmental, pollution, errors and omissions, etc.) insurance as applicable, with minimum limits of \$1,000,000 and annual aggregate of \$2,000,000.

The following additional coverage must be provided if a dollar value is inserted below:

Loss of Use at coverage value: \$ _____
Garage Keepers Liability at coverage value: \$ _____

Lake County, a Political Subdivision of the State of Florida, and the Board of County Commissioners, shall be named as additional insured as their interest may appear on all applicable liability insurance policies.

The certificate(s) of insurance shall provide for a minimum of sixty (60) days prior written notice to the County of any change, cancellation, or nonrenewal of the provided insurance. It is the vendor's specific responsibility to ensure that any such notice is provided within the stated timeframe to the certificate holder.

Certificate(s) of insurance shall identify the applicable solicitation (ITB/RFP/RFQ) number in the Description of Operations section of the Certificate.

Certificate holder shall be:

LAKE COUNTY, A POLITICAL SUBDIVISION OF THE STATE OF
FLORIDA, AND THE BOARD OF COUNTY COMMISSIONERS.
P.O. BOX 7800
TAVARES, FL 32778-7800

Certificates of insurance shall evidence a waiver of subrogation in favor of the County, that coverage shall be primary and noncontributory, and that each evidenced policy includes a Cross Liability or Severability of Interests provision, with no requirement of premium payment by the County.

The Vendor shall be responsible for subcontractors and their insurance. Subcontractors are to provide certificates of insurance to the prime vendor evidencing coverage and terms in accordance with the Vendor's requirements.

All self-insured retentions shall appear on the certificate(s) and shall be subject to approval by the County. At the option of the County, the insurer shall reduce or eliminate such self-insured retentions or the vendor or subcontractor shall be required to procure a bond guaranteeing payment of losses and related claims expenses.

The County shall be exempt from, and in no way liable for, any sums of money, which may represent a deductible or self-insured retention in any insurance policy. The payment of such deductible or self-insured retention shall be the sole responsibility of the vendor and/or subcontractor providing such insurance.

Failure to obtain and maintain such insurance as set out above will be considered a breach of contract and may result in termination of the contract for default.

Neither approval by the County of any insurance supplied by the vendor or Subcontractor(s), nor a failure to disapprove that insurance, shall relieve the vendor or Subcontractor(s) of full responsibility for liability, damages, and accidents as set forth herein.

Section 1.9: Bonding Requirements

Not applicable to this solicitation

Section 1.10: Delivery

Delivery date shall be negotiated prior to issuance of purchase order(s). All deliveries shall be made in accordance with good commercial practice and all required delivery timeframes shall be adhered to by the contractor; except in such cases where the delivery will be delayed due to acts of God, strikes, or other causes beyond the control of the vendor. In these cases, the vendor shall notify the County of the delays in advance of the original delivery date so that a revised delivery schedule can be appropriately considered by the County.

Should the vendor(s) to whom the contract(s) is awarded fail to deliver in the number of days negotiated, the County reserves the right to cancel the contract on a default basis after any back order period that has been specified in this contract has lapsed. If the contract is so terminated, it is hereby understood and agreed that the County has the authority to purchase the goods elsewhere and to charge the incumbent vendor with any re-procurement costs. If the vendor fails to honor these re-procurement costs, the County may terminate the contract for default.

Certain County employees may be authorized in writing to pick-up materials under this contract. Vendors shall require presentation of this written authorization. The vendor shall maintain a copy of the authorization. If the vendor is in doubt about any aspect of material pick-up, vendor shall contact the appropriate user department to confirm the authorization.

Section 1.10.1: Shipping Terms, F.O.B. Destination

All vendors shall quote prices based on F.O.B. Destination and shall hold title to the goods until such time as they are delivered to, and accepted by, an authorized County representative at Lake County Public Safety.

Section 1.11: Acceptance of Goods or Services

The apparatus delivered as a result of an award from this solicitation shall remain the property of the contractor, and services rendered under the contract will not be deemed complete, until a physical inspection and actual usage of the apparatus is accepted by the County and shall be in compliance with the terms herein, fully in accord with the specifications and of the highest quality.

Any goods and/or services purchased as a result of this solicitation and/or contract may be tested/inspected for compliance with specifications. In the event that any aspect of the goods or services provided is found to be defective or does not conform to the specifications, the County reserves the right to terminate the contract or initiate corrective action on the part of the vendor, to include return of any non-compliant goods to the vendor at the vendor's expense, requiring the vendor to either provide a direct replacement for the item, or a full credit for the returned item. The vendor shall not assess any additional charge(s) for any conforming action taken by the County under this clause. The County will not be responsible to pay for any product or service that does not conform to the contract specifications.

In addition, any defective product or service or any product or service not delivered or performed by the date specified in the purchase order or contract, may be procured by the County on the open market, and any increase in cost may be charged against the awarded contractor. Any cost incurred by the County in any re-procurement plus any increased product or service cost shall be withheld from any monies owed to the contractor by the County for any contract or financial obligation.

Section 1.12: Warranty should be supplied in Written Form

A. Type of Warranty Coverage Required

The vendor should supply a copy of its written warranty certificates with its initial offer; however, the vendor may be given the opportunity to submit these certificates to the County during the offer evaluation period. Failure to meet this requirement may result in rejection of the vendor's offer. The warranty supplied by the vendor shall remain in force for the full period identified by the vendor; regardless of whether the vendor is under contract with the County at the time of defect. Any payment by the County on behalf of the goods or services received from the vendor does not constitute a waiver of these warranty provisions.

B. Correcting Defects Covered Under Warranty

The vendor shall be responsible for promptly correcting any deficiency, at no cost to the County, within thirty (30) calendar days after the County notifies the vendor of such deficiency in writing. If the vendor fails to honor the warranty and/or fails to correct or replace the defective work or items within the period specified, the County may, at its discretion, notify the vendor, in writing, that the vendor may be debarred as a County vendor, and/or become subject to contractual default if the corrections or replacements are not completed to the satisfaction of the County within thirty (30) calendar days of receipt of the notice. If the vendor fails to satisfy the warranty within the period specified in the notice, the County may (a) place the vendor in default of its contract, and/or (b) procure the products or services from another source and charge the incumbent vendor for any additional costs that are incurred by the County for this work or items; either through a credit memorandum or through invoicing.

The bidder shall have full responsibility of warranty of all components of the equipment. A statement shall be attached with the bid setting out the conditions of the warranty(s) printed on company letterhead. The manufacturer's standard warranty shall be furnished. Warranty shall include parts and service for a minimum of **two (2) years**. Warranty shall become effective when the vehicle is accepted by the County rather than time of delivery. Vehicles and equipment must meet all ANSI, SAE and other applicable standards.

It is the County's desire to have a warranty policy made with one company and to be able to execute all warranties through one service department.

If the bid offered included more than one warranty or more than one service department and parts department then a list must be provided of difference dealer names and locations. The bidder shall list the nearest licensed and authorized factory dealer for the chassis.

The bidder shall include as part of the bid, a quotation on any extended warranty's which may be offered by the bidder or OEM.

This warranty shall not apply:

- 1) To normal maintenance and adjustments.
- 2) To any vehicle which has been repaired or altered outside of the factory in any way so that, in the manufacturer's judgment, it would affect the stability. Also it shall not apply to any vehicle which has been subject to misuse, neglect, or accident, or to any vehicle which shall operate at any speed exceeding the factory rated speed, or loaded beyond the factory

rated load capacity.

3) To commercial chassis and associated equipment furnished with the chassis, signaling devices, generators, batteries, or other trade accessories in which they are usually warranted separately by their respective manufacturers.

This warranty is in lieu of all other warranties, expressed or implied, all others representations to the original purchaser and all other obligations or liabilities, including liability for incidental or consequential damages on the part of the company. The manufacturer neither assumes nor authorizes any other person to give or assume any other warranty or liability on the company's behalf, unless made or assumed in writing by the company.

The transmission shall have a **five (5) year/unlimited mileage** warranty covering 100% parts and labor. The warranty shall be provided by transmission manufacturer and not the apparatus builder.

A copy of the fire apparatus manufacturer's warranty shall be included with the bid. The warranty shall state that the body shall be free of structural failures caused by defective design or workmanship for a warranty period of **ten (10) years** from the date the new vehicle is first delivered **or 100,000 miles**, whichever occurs first and that defective parts, under the warranty, shall be repaired or replaced without charge to the original purchaser.

The engine shall come with a **five (5) year** warranty provided by the engine manufacturer.

The water tank shall have a **lifetime** warranty.

If the tank manufacturer determines that the tank problem has rendered the truck out-of-service, the tank manufacturer shall dispatch a service technician **WITHIN 48 HOURS (2 CALENDAR DAYS)** to repair the tank (This time period is for the United States and Canada only).

A **five (5) year** warranty shall be provided for the warranty of the pump.

The stainless steel plumbing components and ancillary brass fittings used in the construction of the water/foam plumbing system shall be warranted for a period of **ten (10) years or 100,000 miles**. This covers structural failures caused by defective design or workmanship, or perforation caused by corrosion, provided the apparatus is used in a normal and reasonable manner. This warranty is extended only to the original purchaser for a period of **ten (10) years** from the date of delivery. A copy of the warranty shall be submitted with the bid. (No exceptions)

Valves shall have a **ten (10) year** warranty.

The body exterior paint finish shall be warranted against blistering, peeling, corrosion, lack of adhesion or any other manufacturing or material defect for a period of **ten (10) years**.

The body shall also be warranted against corrosion perforation for a period of **ten (10) years**.

A copy of the manufacturer's warranty shall be included with the bid.

Section 1.13.1: Delivery of Solicitation Response

Unless a package is delivered by the vendor in person, all incoming mail from the U.S. Postal Service and any package delivered by a third party delivery organization (Fed-X, UPS, DHL, private courier, etc) will be opened for security and contamination inspection by the Lake County Clerk of the Circuit Court Mail Receiving Center in an off-site secure controlled facility prior to delivery to any Lake County Government facility, which includes the Lake County Department of Procurement Services.

To be considered for award, a bid or proposal must be received and accepted in the Procurement Services Office prior to the date and time established within the solicitation. Allow sufficient time for transportation and inspection.

Each package shall be clearly marked with the applicable solicitation number and title. Ensure that your bid or proposal is securely sealed in an opaque envelope/ package to provide confidentiality of the bid or proposal prior to the solicitation closing.

If you plan on submitting your bid or proposal **IN PERSON**, please bring it to:

LAKE COUNTY PROCUREMENT SERVICES
315 W. MAIN STREET
4TH FLOOR, ROOM 416
TAVARES, FLORIDA

If you submit your bid or proposal by the **UNITED STATES POSTAL SERVICE, (USPS)** please mail it to:

LAKE COUNTY PROCUREMENT SERVICES
PO BOX 7800
TAVARES, FL 32778-7800

If you submit your bid or proposal by a **THIRD PARTY CARRIER** such as Fed-X, UPS, or a private courier, please send it to:

LAKE COUNTY PROCUREMENT SERVICES
MAIL RECEIVING CENTER
416 W MAIN STREET
TAVARES, FL 32778

Facsimile (fax) or electronic submissions (e-mail) will not be accepted.

Section 1.13.2: Completion Requirements for Invitation to Bid

Two (2) signed original bids and three (3) complete copies of the bid submitted by the vendor shall be sealed and delivered to the Procurement Service Office no later than the official bid opening date and time. Any bid received after this time will not be considered and will be returned unopened to the submitter. The County is not liable or responsible for any costs

incurred by any Bidder in responding to this ITB including, without limitation, costs for product and/or service demonstrations if requested.

When you submit your bid, you are making a binding offer to the County and are agreeing to all of the terms and conditions in this Invitation to Bid. Use only the form(s) provided in this document. If you make any change to the content or format of any form, the County may disqualify your offer. All information shall be legible and either written in ink or typewritten. If you make a correction or change on any document, the person signing the bid proposal must initial the change. The bid shall be manually signed in **BLUE INK** by an official authorized to legally bind the Bidder to its provisions.

COMPLETION OF BID PACKAGE: The vendor shall complete all required entries in Section 4 of the bid form such as, but not limited to, pricing pages, signature, certifications, references, and acknowledgement of any solicitation addenda. The vendor shall submit the entire solicitation with all Section 4 entries completed in the number of copies specified to the address specified in provision 1.13.1 of this solicitation. The vendor shall also submit any supporting documents (to include proof of insurability and provision of bid bonds as required), samples, and/or descriptive literature required by any of the provisions in Section 1 of the solicitation in a separate sealed envelope / package marked "Literature for Bid (Number 10-0809).\" Do not indicate bid prices on literature.

Specific Completion Directions:

- Pricing shall be completed by bidders pricing using the pricing structure stated in Section 4, Pricing Section.
Credits, rebates, special promotional discounts shall also be listed in Section 4, pricing section.
- Initial and date in **BLUE INK** the appropriate space(s) for each addendum you received for this ITB.
- Insert any prompt payment discount that you will offer. Note payment is NET 30 DAYS otherwise.
- Complete all certifications included within Section 4 of the solicitation.
- Complete the reference information sheets (include at least three references) contained within the solicitation.
- Complete the vendor information, and sign the bid (IN BLUE INK) in the spaces provided in Section 4 of the solicitation.
- If insurance is required, submit either a certificate of insurance, or evidence of insurability, that is in compliance with the stated insurance requirements.

Section 1.14: Compliance with Federal Standards

All items to be purchased under this contract shall be in accordance with all governmental standards, to include, but not be limited to, those issued by the Occupational Safety and Health Administration (OSHA), the National Institute of Occupational Safety Hazards (NIOSH), and the National Fire Protection Association (NFPA).

Section 1.15: Demonstration of Equipment May Be Required During Evaluation

After receipt of offers by the County, the vendors may be required to demonstrate their specifically offered equipment to cognizant County personnel, at no separate cost. The purpose of this demonstration is to observe the equipment in an operational environment and to verify its capability, suitability, and adaptability in conjunction with the performance requirements stipulated in this solicitation. If a demonstration is required, the County will notify the vendor of such in writing and will specify the date, time and location of the demonstration. If the vendor fails to perform the demonstration on the specified date stipulated in the notice, the County may elect to reject that vendor's offer, or to re-schedule the demonstration, whichever action is determined to be in the best interests of the County. The County shall be the sole judge of the acceptability of the equipment in conformance with the specifications and its decision shall be final.

The equipment used for the demonstration shall be the same as the manufacturer's model identified in the vendor's offer. Accordingly, the equipment used in the demonstration shall create an express warranty that the actual equipment to be provided by the vendor during the contract period shall conform to the equipment used in the demonstration. The vendor shall be required to provide adequate restitution to the County, in the manner prescribed by the County, if this warranty is violated during the term of the contract.

Section 1.16: "Equal" Product can be Considered

If a product or service requested by this ITB has been identified in the specifications by a brand name, and has not been notated as a "No Substitute" item, such identification is intended to be descriptive and not restrictive, and is to indicate the quality and characteristics of product or service that will be acceptable. Vendors offering an alternate product will be considered for award if such product is clearly identified in the bid or proposal and is determined by the County to fully meet the salient characteristic requirements listed in the specifications. An alternate product will not be considered for any item notated "No Substitute".

Unless the vendor clearly indicates in its bid or proposal that it is proposing an alternate product, the bid or proposal shall be considered as offering the same brand name referenced in the specifications.

If the vendor proposes to furnish an alternate product or service, the brand name of the product or service to be furnished shall be clearly identified. The evaluation of the bid or proposal and the determination as to acceptability of the alternate product or service shall be the responsibility of the County and will be based upon information furnished by the vendor. The County will not be responsible for locating or securing any information which is not included in the bid or proposal. To ensure that sufficient information is available, the vendor shall furnish as part of the bid or proposal all descriptive material necessary for the County to determine whether the product offered meets the salient characteristics required by the specifications.

Section 1.17: Licenses, Permits and Fees

The vendor shall obtain and pay for all licenses, permits and inspection fees required for this

project; and shall comply with all laws, ordinances, regulations and building code requirements applicable to the work contemplated herein. Damages, penalties and or fines imposed on the County or the vendor for failure to obtain required licenses, permits, inspection fees, or inspections shall be borne by the vendor.

Section 1.18: Omission from the Specifications

The apparent silence of this specification and any addendum regarding any details or the omission from the specification of a detailed description concerning any point shall be regarded as meaning that only the best commercial practices are to prevail, and that only materials and workmanship of first quality are to be used. All interpretations of this specification shall be made upon the basis of this agreement.

Section 1.19: Patents and Royalties

A. The Contractor, without exception, shall indemnify and hold harmless the County, its employees and officers from liability of any nature or kind, including cost and expenses for or on account of any copyrighted, patented, or un-patented invention, process or article provided by the Contractor. The Contractor has no liability when such claim is solely and exclusively due to the combination, operation, or use of any article supplied hereunder with equipment or data not supplied by the Contractor or is based solely and exclusively upon the County's alteration of the article. The County will provide prompt written notification of a claim of copyright or patent infringement.

B. Further, if such a claim is made or is pending, the Contractor may, at its options and expenses, procure for the County the right to continue use of, replace or modify the article to render it non-infringing. (If none of the alternatives are reasonably available, the County agrees to return the article on request to the contractor and receive full reimbursement of all monies paid to the Contractor). If the Contractor uses any design, device, or materials covered by letters, patent or copyright, it is mutually agreed and understood without exception that the bid proposal price(s) include all royalties and/or costs arising from the use of such design, device or materials in any way involved in the work.

C. The Contractor will defend, at its own expense, any action brought against the County to the extent that it is based on a claim that the article supplied by the Contractor under the contract infringes a patent, industrial design, or any other similar right, and the Contractor will pay any costs and damages finally awarded against the County in any such action, where they are attributable to any such claim, but such defense and payments are conditional on the following:

- the Contractor will be notified promptly in writing by the County of any notice of such claim received by the County, and
- the Contractor will have the sole control of the defense of any action or such claims, and all negotiations for its settlement or compromise.

Section 1.20: Repairs and Parts Manuals to be provided

The vendor shall supply the County with a minimum of three (3) comprehensive repair and parts manuals which identify the component parts, and which describe the appropriate process for

repairing the equipment purchased by the County in conjunction with this solicitation. The manuals shall be supplied prior to, or upon, delivery of the equipment. Final payment shall be withheld until such time as these manuals are received by the County.

The service parts information included in these manuals should also be available on the factory website.

A CD format service manual supplement containing parts and service information on factory installed components shall also be provided with the completed unit.

The manual shall be specifically written for the unit being purchased. It shall not be a generic manual for a multitude of different units.

Section 1.21: Rebates and Special Promotions

All administrative credits issued, rebates and/or special promotions offered by a manufacturer during the term of the contract shall be passed on by the vendor(s) to the County. It shall be the responsibility of the vendor to notify the County of such credits, rebates and/or special promotions during the contract period and/or attached to Section 4, Pricing Section, of the vendor(s) bid response.

Special promotions shall be offered by the vendor(s) to the County provided that the new price charged for the item(s) is lower than would otherwise be available through the contract. It is understood that these special promotions may be of a limited duration. At the end of such promotion, the standard contract price shall prevail.

Section 1.22: Service Facilities shall be Available from Reliable Sources in Central Florida

While this solicitation is for the acquisition of equipment, offers will only be accepted from vendors which can certify that service facilities will be available from reliable sources in Central Florida (defined as Lake, Osceola, Orange, Seminole, Volusia, Marion, Polk, and Sumter counties) for parts and repairs. As part of its initial offer, the vendor shall either certify through a written statement that the vendor has its own facility within the stated area for servicing the equipment, or certify through a written agreement with an alternate source, that this alternate source will be available for servicing the equipment that will be provided by the vendor. If this certification is not provided with the initial offer, the vendor may be given the opportunity to submit the certification to the County during the offer evaluation period should such action be considered to be in the best interest of the County.

The County reserves the right to perform an inspection of these service facilities during the offer evaluation period, and any time during the term of the contract, and to use this inspection as a means for determining the vendor to which award will be made under this solicitation. The acceptability of the size, location, level of security, and overall functionality of the service facility shall be determined by the County in consideration of the contract requirements. The County's best interests shall prevail in this regard, and the decision of the County in this regard shall be final.

Section 1.23: Training Program

The vendor shall provide sufficient comprehensive operator training program for the Lake County Public Safety employees regarding the use of the fire apparatus supplied by the vendor in conjunction with this solicitation. The vendor shall bear all costs of manuals and texts, or other instructional materials associated with the required training.

Section 1.24: Training Manuals to be provided

The vendor shall supply the county with a minimum of three (3) comprehensive training manuals which describe the appropriate use of the equipment purchased by the County in conjunction with this solicitation. The manuals shall be supplied prior to, or upon, delivery of the equipment. Final payment shall be withheld until such time as these manuals are received by the County.

Section 1.25: Parts and Service

Bidders shall furnish with their bid submittal a statement identifying where parts and service for the bid apparatus are available to the County.

Section 1.26: Vehicle Documents

The contractor shall deliver all necessary documentation required for licensing the furnished apparatus to Lake County Public Safety, Fire Rescue Maintenance Facility, 25208 Kirkwood Avenue, Astatula, Florida 34708.

Vehicles shall be titled:

Board of County Commissioners
Lake County, Florida
PO Box 7800
315 W Main St
Tavares, Florida 32778-7800

Bid prices shall include the cost of vehicle titles. Titling procedures shall be in accordance with the rules and regulation of the Department of Highway Safety and Motor Vehicles which require the contractor to obtain title for the purchaser.

Units shall be delivered with each of the following documents completed:

1. Statement of origin
2. Warrant certificates (including rust proofing warranty)
3. Copy of pre-delivery service report
4. Copy of manufacturers invoice to dealer, price may be deleted
5. Application for certification of title and/or vehicle registration
6. Check for title
7. Temporary tag and 20 day extension tag
8. Any additional documentation that may be required at no additional costs

Section 1.27: Maintenance Agreement

A maintenance agreement shall be available to the County after the expiration of the apparatus warranty period. Bidder shall submit a copy of the proposed maintenance agreement with their bid submittal.

Section 1.28: Delivery

Apparatus, to insure proper break in of all components while under warranty, shall be delivered under its own power. Rail or truck freight is not acceptable. A qualified delivery engineer representing the bidder shall deliver the apparatus and remain for a length of time sufficient to thoroughly instruct required personnel in the proper operation, care and maintenance of the equipment delivered.

Section 1.29: Factory Delays

Factory scheduling delays shall be reported to the County in writing. Delays should be addressed to:

Roseann Johnson, CPM, CPPB, Procurement Services Supervisor
Lake County BCC
Office of Procurement Services
315 W. Main Street, Room 416
PO BOX 7800
Tavares, FL 32778-7800

SPECIFICATIONS

The purpose of this solicitation is to establish a contract with a single bidder to furnish and deliver a 2500 Gallon Elliptical Tanker, Navistar Molder 7600, 4 Door Chassis.

GENERAL

It is the intent of these specifications to describe the furnishings and delivery to the County, a complete fire apparatus (hereafter “apparatus”) equipped as specified herein. These specifications cover specific requirements as to the type of construction and tests the apparatus must conform, together with certain details as to finish, material preferences, equipment and appliances with which the successful bidder shall conform.

Apparatus furnished under this contract shall be built for the US market.

The design of the apparatus shall embody the latest approved automotive design practices. The workmanship shall be of the highest quality in its respective field. Construction shall be heavy duty and ample safety factors must be provided to carry loads as specified. The construction method employed shall allow ready removal of any component for service or repair.

The apparatus shall conform to the National Fire Protection Association Standard for Automotive Fire Apparatus, in its most recent edition, unless otherwise specified in this document. Only the specified firefighting support equipment listed in these specifications shall be provided.

The apparatus shall further conform to all Federal Motor Vehicles Safety Standards.

Each bidder shall furnish satisfactory evidence of their ability to design; engineer and construct the apparatus specified and shall state the location of the factory producing the apparatus. They shall also substantiate they are in a position to render prompt and proper service and to furnish replacement parts for the apparatus.

The County requires that a representative of the contractor attend a Pre Construction Conference to finalize technical specifications. The Director of Public Safety shall confer with the Contractor to schedule a date for each conference. A final pre production drawing of the apparatus shall be prepared by the Contractor and be approved by the County prior to construction commencing. This drawing shall become part of the total contract and it shall show, but not limited to, such items as the chassis being utilized; lights; horns; sirens; compartment location and dimensions; etc. Print is to be a visual interpretation of the apparatus to be built. One copy of the final drawing shall be left with the Department of Public Safety and one copy shall be given to the Office of Procurement Services for record retention.

Each bid shall be accompanied by a set of detailed specifications consisting of a detailed description of the apparatus and equipment proposed. All bid proposal specifications shall be in the same sequence as the advertised specification for ease of comparison. These specifications shall include size, location, type and model of all component parts being furnished. Detailed information shall be provided on the materials used to construct all facets of the apparatus body.

The bidder shall include as part of their bid a list of recommended OEM replacement parts and optional equipment to include guaranteed delivery time (standard and emergency) guaranteed pricing or price structure and/or discount terms to apply.

The bidder shall be able to supply 90% of parts required to maintain this equipment within 24 hours and have access to the remaining 10% of parts within 72 hours.

The bidder shall supply upon request original manufacturer part numbers crossover for parts which are not manufactured by the equipment manufacturer after the award of contract and prior to delivery of equipment.

The bidder shall include as part of their bid suggested stocking levels of replacement parts (See Attachment A).

On line parts ordering systems are preferred. Demonstrations and a recommended parts inventory list may be required.

Documentation provided at the time of delivery shall also include an apparatus safety video, in DVD format. This video shall address key safety considerations for personnel to follow when they are driving, operating, and maintaining the apparatus. Safety procedures for the following shall be included: vehicle pre-trip inspection, chassis operation, pump operation, and maintenance.

The pump shall be tested, approved and certified by an independent third party testing agency at the manufacturer's expense.

The County shall not be held liable for costs associated with Change orders for which they are not properly notified.

The contractor shall notify the County, in writing, of any changes on any apparatus ordered. All change orders shall be approved by the Department of Public Safety's Director **prior** to work being performed.

Written change order requests shall include:

1. Changes to be made (i.e.; chassis and/or chassis components; equipment and/or equipment components
2. Any additional time associated with changes
3. Any additional costs associated with changes

The County reserves the right to make minor changes to the awarded bid apparatus prior to ordering.

The County shall be permitted to visit and inspect the manufacturing facilities where the apparatus will be constructed.

The County visits shall be:

1. A preconstruction meeting required to completely review the specifications and the drawings prior to the apparatus assembly/construction assembly.
2. Final inspection/performance test. The apparatus shall be 100% complete and ready for delivery. The County shall perform a final inspection and full performance test of the apparatus and all integral systems. The Contractor shall provide technical information and authorized representatives to allow for a complete and thorough conformance meeting inspection. All third part certifications shall be available for review at this meeting.
3. Additional trips may be required if the apparatus fails to be ready and in compliance at the expense of the Contractor with no additional costs to the County.

Only apparatus proposed from companies which are actively engaged in manufacturing apparatus comparable and have been in the business for a minimum of fifteen years with an established favorable reputation shall be considered.

A road test shall be conducted with the apparatus full loaded and a continuous run of ten (10) or more miles will be made under all driving conditions, during which time the apparatus shall show no loss of power or overheating. The transmission drive shaft or shafts, and rear axles shall run quietly and be free from abnormal vibration or noise throughout the operating range of the apparatus.

Vehicle shall adhere to the following parameters:

1. The front to rear weight distribution of the full loaded vehicle (as defined by applicable NFPA guidelines) shall be within the limits set by the chassis manufacturer. The front axle load shall not be less than the minimum axle loads specified by the chassis manufacturer, under full load and all other loading conditions.
2. The apparatus shall be capable of accelerating to thirty five (35) mph from a standing start within twenty five (25) seconds on a level concrete highway without exceeding the maximum governed rpm of the engine.
3. The service brakes shall be capable for stopping the fully loaded vehicle in thirty five (35) feet at twenty (20) mph on level concrete highway.
4. The apparatus, fully loaded, shall be capable of obtaining a speed of 60 mph on a level concrete highway with the engine not exceeding its governed rpm.

In the event the apparatus fails to meet the test requirements of these specifications on the first trial, second trials may be conducted at the request of the contractor and the approval of the County within thirty (30) days of the date of the first trials. Such trials shall be final and conclusive and failure to comply with these requirements shall be cause for rejection. Failure to comply with changes as the County may consider necessary to conform to any clause of the specifications with thirty (30) days after notice is given to the contractor of such changes shall also be cause for rejection of the apparatus. Permission to keep or store the apparatus in any building owned or occupied by the County or its use by the County during the above specified period with the permission of the contractor shall not constitute acceptance.

DETAIL SPECIFICATIONS FOR A TRIPLE COMBINATION PUMPER

If it is necessary to bid alternate equipment or to take exceptions to specification requirements, this must be so stated in your bid. For each item, please place a **Y- (Yes) or N-(No)** in the appropriate space to signify whether or not you are in complete compliance with the specification. Failure to follow the format or answer the specification may cause your bid to be disqualified. If you need extra space to describe your product, please feel free to attach extra sheets. When doing this, be sure your description references the appropriate title and page number.

NOTE: Brand names are in intended to be descriptive and not restrictive, and are to indicate the quality and characteristics of the product or service that will be acceptable. If offering an alternate product, please note that alternate product or service and include descriptive materials necessary for the County to determine if the product or service offered meets the required specification.

For ease of evaluation and comparison review, the proposals shall be submitted in the same sequence as these specifications. Failure to comply may be grounds for disqualification.

CHASSIS

The chassis shall be an International Model 7600 6x4

Comply: (Y/N) _____

SEATING CAPACITY

The seating capacity in the cab shall be five (5).

Comply: (Y/N) _____

WHEELBASE

The wheelbase of the vehicle shall be no greater than 266 inches.

Comply: (Y/N) _____

GVW RATING

The gross vehicle weight rating shall be a minimum of 64,000 pounds.

Comply: (Y/N) _____

FRAME

The frame rails shall be formed from 120,000 psi yield, heat treated alloy steel.

Comply: (Y/N) _____

FRAME LINER

Full length mainframe channel liner shall be provided.

Comply: (Y/N) _____

FRONT AXLE

Front axle shall be an "I" beam type, made of forged steel. It shall be a Meritor MFS-18-133A, with a ground rating capacity of 18,000 pounds.

Comply: (Y/N) _____

FRONT SUSPENSION

Spring Mounted

Capacity at ground (2 springs): 18,000 pounds

Shock Absorbers: Double Acting

Shock absorbers shall be provided on the front axle.

Comply: (Y/N) _____

REAR AXLES

The single reduction tandem rear axles shall be a Meritor, model RT-46-160, with a ground rating capacity of 46,000 pounds.

The brake chambers shall be forward mounted and brakes shall be 16.50" x 7.00", S-Cam type.

Comply: (Y/N) _____

PARKING BRAKE

The parking brake shall be spring set and located on the rear axle service brake. Comply: (Y/N) _____

REAR AXLE RATIO

A rear axle ratio shall be furnished to allow the vehicle to reach a top speed of 60 MPH.

Comply: (Y/N) _____

REAR SUSPENSION

The rear suspension shall be spring mounted, Hendrickson RT-463 walking beam type, 54.00" spacing, with a capacity at ground level of 46,000 pounds.

Comply: (Y/N) _____

DUST SHIELDS

The front and rear brakes shall be provided with dust shields.

Comply: (Y/N) _____

LOCKING DIFFERENTIAL

The rear axles shall be equipped with a driver controlled differential lock.

Comply: (Y/N) _____

ANTI-LOCK BRAKE SYSTEM

The vehicle shall be equipped with an anti-lock braking system. The ABS shall provide anti-lock braking control on both the front and rear wheels. It is to be a digitally controlled system that utilizes microprocessor technology to control the anti-lock braking system. Each wheel is to be monitored by the system. When any particular wheel begins to lockup, a signal is to be sent to the control unit. This control unit then shall reduce the braking of that wheel for a fraction of a second and then reapply the brake. This anti-lock brake system shall eliminate the lockup of any wheel thus helping to prevent the apparatus from skidding out of control.

The system shall include Automatic Traction Control (ATC).

The system shall include Electronic Stability Control (ESC). When instability is detected, the ESC system shall automatically apply brakes to individual wheels (with no intervention from the driver) and may also reduce engine torque to help keep the vehicle on track.

Comply: (Y/N) _____

FRONT BRAKES

The front brakes shall be S-Cam, 16.50" x 6.00".

Comply: (Y/N) _____

ENGINE EXHAUST BRAKE

A Jacobs "Extarder" engine exhaust brake shall be installed with the control located on the instrument panel within easy reach of the driver.

Comply: (Y/N) _____

AIR COMPRESSOR, BRAKE SYSTEM

The air compressor shall be a Cummins/Wabco with 18.7 cubic feet per minute output.

Comply: (Y/N) _____

AIR INLET

A single air inlet with male coupling shall be provided. It shall allow station air to be supplied to the apparatus brake system through a shoreline hose. The inlet shall be located on the driver side pump panel. A check valve shall be provided to prevent reverse flow of air. The inlet shall discharge into the "wet" tank of the brake system. A mating female coupling shall also be provided with the loose equipment.

Comply: (Y/N) _____

AIR TANK, ADDITIONAL

An additional air tank with 1454 cubic inch displacement shall be provided to support the additional requirements of the fire pump air primer.

The output flow of the engine air compressor shall vary with engine rpm. Full compressor output shall only be achieved at governed engine speed. Engine speed shall be limited by generators, pumps and other PTO driven options.

Comply: (Y/N) _____

ENGINE

- Model: MaxxForce 13
- Number of Cylinders: Six (6)
- Bore and Stroke: 4.96" x 6.54"
- Displacement: 757 cubic inches
- Compression Ratio: 17.0:1
- Advertised Horsepower Rating: 430 at 1700 rpm
- Peak Horsepower Rating: 430 at 2100 rpm
- Peak Torque: 1650 at 1000 rpm
- Governed rpm: 2100
- Turbocharged/Air/Liquid Intercooling
- Combustion System: Direct injection, electronically controlled

Comply: (Y/N) _____

ENGINE ACCESSORIES

- Fan Clutch: Electric with nylon fan
- Air Cleaner: Dry type, with restriction indicator in cab
- Fuel Filters: Dual, with check valve
- Governor: Limiting speed type
- Lube Oil Cooler
- Lube Oil Filter: Full flow
- Starting Motor: 12-volt
- Oil Fill and Level Gauge
- Hand Operated, Reprime Pump

- Bendix AD-9 air dryer with heater

Comply: (Y/N) _____

RADIATOR

- Pressurized System, Tube, and Fin
- Deaeration Tank and Sight Glass
- Anti-Freeze Protection to -40 Degrees Fahrenheit.

Comply: (Y/N) _____

AIR INTAKE, w/EMBER SEPARATOR

The air inlet shall be equipped with a stainless steel mesh to separate water and burning embers from the air intake system such that particulate matter larger than 0.039 in. (1.0 mm) in diameter cannot reach the air filter element.

This shall comply with NFPA 1901 and 1906 standards.

Comply: (Y/N) _____

EXHAUST SYSTEM

The exhaust system shall include a diesel particulate filter and a diesel oxidation catalyst to meet current EPA standards. The exhaust shall terminate with a horizontal tailpipe and diffuser ahead of the passenger side rear wheels.

A heat deflector shield shall be provided where the tail pipe is routed under any side compartmentation.

Comply: (Y/N) _____

HIGH IDLE

A high idle switch shall be provided, inside the cab, on the instrument panel, that shall automatically maintain a preset engine rpm. A switch shall be installed, at the cab instrument panel, for activation/deactivation.

The high idle shall be operational only when the parking brake is on and the truck transmission is in neutral. A green indicator light shall be provided, adjacent to the switch. The light shall illuminate when the above conditions are met. The light shall be labeled "OK To Engage High Idle".

Comply: (Y/N) _____

COOLANT LINES

Silicone hoses shall be used for coolant lines installed by the chassis manufacturer. They shall include the following:

- Cab Heater Hose (outside cab only)
- Radiator Hose

Hose clamps shall be "constant torque type" to prevent coolant leakage. They shall react to temperature changes in the cooling system and expand or contract accordingly while maintaining a constant clamping pressure on the hose.

Comply: (Y/N) _____

FUEL TANK

A 50-gallon fuel tank shall be provided and mounted at the right-hand cab step. The tank shall be constructed of welded steel.

Comply: (Y/N) _____

TRANSMISSION

An Allison, model 4000 EVS, electronic torque converting automatic transmission shall be provided.

Two (2) PTO openings shall be located on left side and top of converter housing (positions 8 o'clock and 1 o'clock).

A transmission temperature gauge or warning light shall be installed on cab instrument panel.

Comply: (Y/N) _____

TRANSMISSION SHIFT CONTROL

A push button shift module shall be mounted to right of driver. Shift position indicator shall be indirectly lit for after dark operation.

The transmission shall be a 5 speed. The transmission ratio's shall be 1st - 3.51 to 1.00, 2nd - 1.91 to 1.00, 3rd - 1.43 to 1.00, 4th - 1.00 to 1.00, 5th - 0.74 to 1.00, R - 4.80 to 1.00. Comply: (Y/N) _____

TRANSMISSION COOLER

A transmission oil cooler shall be provided in the lower tank of the radiator.

Comply: (Y/N) _____

TRANSMISSION WARRANTY

The transmission shall have a **five (5) year/Unlimited mileage** warranty covering 100% parts and labor. The warranty shall be provided by Allison Transmission and not apparatus builder.

Comply: (Y/N) _____

DRIVELINE

Drivelines shall be a heavy duty metal tube equipped with universal joints properly sized for the application. A splined slip joint shall be provided in each driveshaft.

Comply: (Y/N) _____

STEERING

Steering shall consist of a dual hydraulically driven Sheppard, Model M-100/M-80, steering system.

The steering column shall have a tilt and telescoping steering wheel.

Comply: (Y/N) _____

TIRES, FRONT

Front tires shall be Michelin 315/80R22.50 XZY3, 20-ply radial tread.

Comply: (Y/N) _____

WHEELS, FRONT

Wheels for the front axle shall be 22.50" x 9.00" polished aluminum disc, ten (10)-hole pattern.

Comply: (Y/N) _____

TIRES, REAR

Rear tires shall be Michelin 11R22.50, 14-ply radial XDE mud and snow tread.

Comply: (Y/N) _____

WHEELS, REAR

The rear wheels shall be 22.50" x 8.25" aluminum disc with a ten (10)-hole pattern.

Comply: (Y/N) _____

WHEEL CHOCKS

There shall be one (1) set(s) of folding Ziamatic SAC-44-E, aluminum alloy, Quick-Choc wheel blocks with easy-grip handle provided.

Comply: (Y/N) _____

WHEEL CHOCK BRACKETS

There shall be one (1) set(s) of Ziamatic SQCH-44-H horizontal mounting wheel chock brackets provided for the Ziamatic SAC-44-E folding wheel chocks. The brackets shall be mounted per customer requirements.

Comply: (Y/N) _____

COVERS, LUG NUT, CHROME

Chrome lug nut covers shall be supplied on front and rear wheels.

Comply: (Y/N) _____

MUD FLAPS

Mud flaps shall be installed behind the rear wheels of the apparatus.

Comply: (Y/N) _____

TIRE PRESSURE MANAGEMENT

There shall be a VECSAFE LED tire alert pressure management system provided that shall monitor each tire's pressure. A chrome plated brass sensor shall be provided on the valve stem of each tire for a total of 10 tires.

The sensor shall calibrate to the tire pressure when installed on the valve stem for pressures between 20 and 120 psi. The sensor shall activate an integral battery operated LED when the pressure of that tire drops 8 psi.

Removing the cap from the sensor shall indicate the functionality of the sensor and battery. If the sensor and battery are in working condition, the LED shall immediately start blinking. Comply: (Y/N) _____

CAB

Type: Four (4) Doors, Conventional (engine forward)

Construction: Welded Steel and Fiberglass

Accessories:

- Tinted Glass in all Windows
- Black Rubber Floor mats
- Dual Sun-Visors
- 18.00" Cab Entrance Handrails - 1.28" diameter extruded aluminum with rubber inserts one (1) each side
- Dome Light with Map Light
- Fresh Air Heater and Defroster
- Fiberglass Front End, Three (3) Piece Construction
- Hood Mounted Chrome Grille
- Composite Aero Design Halogen Headlights
- Daytime Running Lights
- Air Ride Cab Suspension
- Gray Vinyl Upholstery

Comply: (Y/N) _____

CAB INTEGRITY

The cab has been tested to and passed the following standards:

- ECE Regulation No.29
- SAE J2422 Cab Roof Strength Evaluation - Quasi-Static Loading Heavy Trucks. Comply: (Y/N) _____

CAB ACCESS STEPS

The cab access steps shall be provided by the apparatus manufacturer. The steps shall be a two (2) step design fabricated from bright aluminum treadplate. The step assembly shall enclose the area under the cab. The fuel tank fill cap shall be exposed for refueling. Access shall be provided to inspect the chassis batteries when located under the cab. Comply: (Y/N) _____

COMPARTMENT, STORAGE

A storage compartment shall be provided under the crew cab in the left side step area. An aluminum treadplate drop-down door with a rubber seal shall be provided on the compartment. The door shall have a single pan construction. Comply: (Y/N) _____

MIRRORS

Lang Mekra 15.75" x 7.09" mirrors, with breakaway type brackets, integral convex, heated, thermostatically controlled, clearance lights, both sides remote controlled and bright finish, shall be provided. Comply: (Y/N) _____

BUMPER

A full-width, aerodynamic, chrome plated steel bumper shall be attached to the front of the chassis frame. The bumper thickness shall be .142". Comply: (Y/N) _____

BUMPER GAP

The standard bumper furnished with the chassis shall be used. Comply: (Y/N) _____

TOW HOOKS

Two (2) painted, forged steel tow hooks shall be provided. Comply: (Y/N) _____

SEATING

Seating inside the cab shall consist of an air-ride driver seat and a Seats Inc 911 SCBA officer seat. Comply: (Y/N) _____

SEATING (crew cab)

Three (3) individual, Seats Inc 911, SCBA style seats shall be provided. Comply: (Y/N) _____

SEAT BELT WEB LENGTH

The chassis seat belt web length as supplied by the commercial chassis manufacturer shall be compliant to NFPA 14.1.3.2 and 14.1.3.3. Comply: (Y/N) _____

SEAT BELTS

All seating positions in the cab and crew cab shall have red seat belts. Comply: (Y/N) _____

SEAT BELT MONITORING SYSTEM

A seat belt monitoring system (SBMS) shall be provided. The SBMS shall be capable of monitoring up to ten (10) seat positions indicating the status of each seat position with a green or red LED indicator as follows:

Driver Seat:

Seat Occupied Buckled Green

No Occupant Unbuckled Not Illuminated

The driver seat shall not include an occupant sensor. The display indication for the driver seat shall illuminate red any time the parking brake is released and the driver seat belt is not buckled.

All Other Seats:

Seat Occupied	Buckled	Green
Seat Occupied	Unbuckled	Red
No Occupant	Buckled	Red
No Occupant	Unbuckled	Not Illuminated

Alarm:

The SBMS shall include an audible alarm that shall be activated when a red illumination condition exists and the parking brake is released, or a red illumination condition exists and the transmission is not in park. Comply: (Y/N) _____

HELMET HOLDER

There shall be five (5) Zico UHH-1 helmet holder bracket(s) provided in the cab. The brackets shall provide quick access and secure storage of the helmet(s). The bracket location(s) shall be determined at time of final inspection. Comply: (Y/N) _____

AIR BOTTLE HOLDERS

A Ziamatic model ULLH SCBA holder shall be mounted in the back rest of the SCBA seat. This bracket shall be compliant with NFPA 1901-04 Section 14.1.10.1 and shall include a back plate, two seats, a footplate and the model LLS ("Load & Lock") strap to hold the bottle in the bracket. The bracket seats shall be a "one size fits all" style seat and shall accommodate SCBA cylinders from the high pressure 30-minute to the high pressure 60-minute. Seats shall be adjustable up and down by unbolting, relocating, and rebolting in the desired position. There shall be a quantity of five (5). Comply: (Y/N) _____

ENGINE COMPARTMENT LIGHTS

Two (2) engine compartment lights shall be installed under the engine hood, of which the switches are an integral part. Comply: (Y/N) _____

STEP LIGHTS

There shall be eight (8) Ri-Tar, Model M27, clear, LED step lights provided. There shall be two (2) lights installed at each cab and crew cab door, one (1) light per doorstep.

The lights shall be activated when the adjacent door is opened. Comply: (Y/N) _____

AIR CONDITIONING

International Blend-Air with integral heater and defroster shall be provided.

The system shall deliver a 12,000 BTU/hour in the air conditioning mode when tested per SAE J1484 with inlet air conditions of 80 degrees F. dry bulb and 67 degrees F. wet bulb.

The system includes Hydrofluorocarbon HFC-134A refrigerant. Comply: (Y/N) _____

CAB INSTRUMENTS

- Engine Temperature Gauge and Warning Buzzer
- Engine Oil Pressure Gauge and Warning Buzzer
- Speedometer with Odometer
- Engine Tachometer

- Engine Hour meter
- Fuel Level Gauge
- Voltmeter: Low voltage red warning light and audible alarm
- Air Brake Pressure Gauge
- Air Restriction Indicator
- Circuit Breakers: For overload protection of electric circuits
- Ignition Switch: Keyless type

Comply: (Y/N) _____

EMERGENCY SWITCH PANEL

An emergency switch panel shall be provided in the cab.

Comply: (Y/N) _____

WIPER CONTROL

Wiper control shall include an intermittent feature and windshield washer controls.

Comply: (Y/N) _____

STORAGE CONSOLE

There shall be a console located between the front seats, with room for radios and map storage. There shall be an area approximately 8.50" x 21.75" for radios. There shall be four sections for map storage. Each section shall be approximately 5.00" wide x 13.00" long x 12.25" deep. The console shall be constructed of smooth aluminum and painted black.

Comply: (Y/N) _____

VEHICLE DATA RECORDER

A vehicle data recorder (VDR) shall be provided. The VDR shall be capable of reading and storing vehicle information. The VDR shall be capable of operating in a voltage range from 8VDC to 16VDC. The VDR shall not interfere with, suspend, or delay any communications that may exist on the CAN data link during the power up, initialization, runtime, or power down sequence. The VDR shall continue operation upon termination of power or at voltages below 8VDC for a minimum of 10ms.

The information stored on the VDR can be downloaded through a USB port mounted in a convenient location determined by cab model. A CD provided with the apparatus shall include the programming to download the information from the VDR. A USB cable can be used to connect the VDR to a laptop to retrieve required information.

The vehicle data recorder shall be capable of recording the following data via hardwired and/or CAN inputs:

- Vehicle Speed - MPH
- Acceleration - MPH/sec
- Deceleration - MPH/sec
- Engine Speed - RPM
- Engine Throttle Position - % of Full Throttle
- ABS Event- On/Off
- Seat Occupied Status - Yes/No by Position (1-6 Seating Capacity)

Seat Belt Buckled Status - Yes/No by Position (1-6 Seating Capacity)

Master Optical Warning Device Switch - On/Off

Time - 24 Hour Time

Date - Year/Month/Day

Comply: (Y/N) _____

BATTERY SYSTEM

A single starting battery system shall be provided consisting of three (3) 12 volt, 650 CCA, maintenance-free, group 31 batteries.

The batteries system shall have a total of 1950 CCA with a minimum reserve capacity of 540 minutes.

Comply: (Y/N) _____

MASTER BATTERY SWITCH

A master battery switch, to activate the battery system, shall be provided inside the cab within easy reach of the driver.

The master battery disconnect switch shall be wired between the starter solenoid and the remainder of the electrical loads on the apparatus.

A green “battery on” indicator light, visible from the driver’s position, shall be provided.

Comply: (Y/N) _____

BATTERY CHARGER/ AIR COMPRESSOR

A Kussmaul Pump Plus 1200, model 091-9-1200 single output battery charger/air compressor system shall be provided. A display bar graph indicating the state of charge shall be included.

The automatic charger shall maintain one (1) set of batteries with a maximum output current of 40 amps.

The 12-volt air compressor shall be installed to maintain the air system pressure when the vehicle is not in use.

The battery charger shall be wired to the AC shoreline inlet through an AC receptacle adjacent to this battery charger.

Battery charger/compressor shall be located in the front left body compartment.

The battery charger indicator shall be located on the driver's seat riser.

Comply: (Y/N) _____

KUSSMAUL AUTO EJECT FOR SHORELINE

One (1) shoreline receptacle shall be provided to operate the dedicated 120-volt circuits on the truck without the use of the generator.

The shoreline receptacle (s) shall be provided with a NEMA 5-20, 120 volt, 20-amp, straight blade Kussmaul auto eject plug with a yellow weatherproof cover. The cover is spring loaded to close, preventing water from entering when the shoreline is not connected.

A solenoid wired to the vehicle's starter is energized when the engine is started. This instantaneously drives the plug from the receptacle.

The shoreline shall be connected to the onboard battery charger/compressor.

A mating connector body shall also be supplied with the loose equipment.

The shoreline receptacle shall be located on the driver side pump panel.

Comply: (Y/N) _____

ALTERNATOR

The alternator shall be a 12V, 320 Amp, Leece Neville pad mount alternator.

Comply: (Y/N) _____

SPARE CIRCUIT

There shall be two (2) pair of wires, including a positive and a negative, installed on the apparatus.

The above wires shall have the following features:

The positive wire shall be connected directly to the battery power.

The negative wire shall be connected to ground.

Wires shall be protected to 15 amps at 12 volts DC.

Power and ground shall terminate on the center console.

Termination shall be with 15-amp, power point plug with rubber cover.

Wires shall be sized to 125% of the protection.

This circuit(s) may be load managed when the parking brake is set.

Comply: (Y/N) _____

SPARE CIRCUIT

There shall be one (1) pair of wires, including a positive and a negative, installed on the apparatus.

The above wires shall have the following features:

The positive wire shall be connected directly to the battery switched power.

The negative wire shall be connected to ground.

Wires shall be protected to 20 amps at 12 volts DC.

Power and ground shall terminate in the center console area.

Termination shall be with six (6) position terminal strip.

Wires shall be sized to 125% of the protection.

This circuit(s) may be load managed when the parking brake is set.

Comply: (Y/N) _____

ELECTRONIC LOAD MANAGEMENT

A Kussmaul Load Manager 2 shall be provided on the apparatus. The device is an electronic load management (ELM) system that monitors the vehicles 12-volt electrical system, and automatically reduces the electrical load in the event of a low voltage condition and by doing so, ensures the integrity of the electrical system.

The ELM shall monitor the vehicle's voltage while at the scene (parking brake applied). It shall sequentially shut down individual electrical loads when the system voltage drops below a preset value. Two (2) separate electrical loads shall be controlled by the load manager. The ELM shall sequentially re-energize electrical loads as the system voltage recovers.

Comply: (Y/N) _____

AMP DRAW REPORT

The bidder shall provide, at the time of bid and delivery, an itemized print out of the expected amp draw of the entire vehicle's electrical system.

The manufacturer of the apparatus shall provide the following:

- 1) Documentation of the electrical system performance tests.
- 2) A written load analysis, which shall include the following:
 - A) The nameplate rating of the alternator.
 - B) The alternator rating under the conditions specified per:
Applicable NFPA 1901 or 1906 (Current Edition).
 - C) The minimum continuous load of each component that is specified per:
Applicable NFPA 1901 or 1906 (Current Edition).
 - D) Additional loads that, when added to the minimum continuous load, determine the total connected load.
 - E) Each individual intermittent load.

All of the above listed items shall be provided by the bidder per the applicable NFPA 1901 or 1906 (Current Edition). Comply: (Y/N) _____

EXTERIOR LIGHTING

Exterior lighting shall meet or exceed Federal Department of Transportation, Federal Motor Vehicle Safety Standards and National Fire Protection Association requirements in effect at time of proposal.

Front headlights shall be halogen type and comply with all FMVSS requirements.

Five (5) LED clearance and marker lights shall be installed across the leading edge of the cab. Comply: (Y/N) _____

BACK-UP ALARM

An ECCO, Model SA917-PM2, solid-state electronic audible back-up alarm that actuates when the truck is shifted into reverse shall be provided. The device shall sound at 60 pulses per minute and automatically adjust its volume to maintain a minimum five (5) dBA above surrounding environmental noise levels. Comply: (Y/N) _____

CD MANUAL, BODY PARTS ONLY

A custom parts manual for the factory installed parts only shall be provided in CD format with the completed unit.

The manual shall contain the following:

- Job number
- Part numbers with full descriptions
- Table of contents
- Parts section sorted in functional groups reflecting a major system, component, or assembly
- Parts section sorted in Alphabetical order
- Instructions on how to locate parts

The manual shall be specifically written for the body model being purchased. It shall not be a generic manual for a multitude of different bodies.

Comply: (Y/N) _____

SERVICE PARTS INTERNET SITE

The service parts information included in this manual are also available on the factory website. The website offers additional functions and features not contained in this manual, such as digital photographs and line drawings of select items. The website also features electronic search tools to assist in locating parts quickly.

Comply: (Y/N) _____

MANUALS, SERVICE

A CD format service manual supplement containing parts and service information on factory installed components shall be provided with the completed unit.

The manual shall be specifically written for the unit being purchased. It shall not be a generic manual for a multitude of different units.

Comply: (Y/N) _____

MANUAL, CHASSIS OPERATION

One (1) chassis operation (manufacturer's standard) shall be provided with the completed unit.

Comply: (Y/N) _____

ELECTRICAL WIRING DIAGRAMS

Two (2) electrical wiring diagrams, prepared for the model of chassis and body, shall be provided.

Comply: (Y/N) _____

WATER TANK

The water tank shall have a minimum capacity of 2500 gallons and shall be elliptical in design to maintain a low center of gravity. The tank shall be designed to be completely independent of the compartments and fenders. When placed on the chassis, the tank shall meet or exceed all federal DOT regulations regarding weight distribution, axle loading and horizontal and vertical center of gravity locations.

The tank and its integral support structure shall be manufactured from PT2E copolymer, ultra-high impact polypropylene. The fabrication shall be of a welded construction utilizing a nitrogen shielding gas for optimum weld consistency and purity. Exterior seams shall be extrusion welded for maximum strength and integrity.

The tank shall be self-supportive in design. The integral and internal supports shall not contain any non-polymer material in their construction. The barrel shall be constructed with .38" sheet in a series of prefabricated sections, utilizing one (1) piece cell modules containing .75" and .50" thick partitions to form the tank. Each cell module shall contain one (1) longitudinal and one (1) transverse partition, creating an NFPA compliant compartment style baffling system.

The compartment style baffling system shall include primary transverse partitions and end walls that shall extend down to the bottom of the support sills. Channel-shaped longitudinal sill supports shall be externally welded to the underside of the barrel and to the tank end walls as well as to the primary transverse partitions. These longitudinal sills shall be constructed from .75" polypropylene and shall be fully extrusion welded. Drain holes shall be provided at the ends of each section.

Provisions shall be incorporated for air and water to adequately pass through the baffles, in order to maximize filling and dumping rates. The baffles shall also be designed to efficiently reduce water turbulence while in motion. A fill tower shall be located near the front of the tank. It shall have an open area of no less than 500 square inches and shall be at least 8.00" in height from the highest point on the

elliptical barrel. The fill tower lid shall be of a hinged-type design and shall hinge back towards the center of the tank. The lid shall be retained in the closed position with a rubber pull latch and sealed with a bulb type EDPM gasket. A tether shall be provided to hold the lid in the open position.

A sump shall be provided at the front underside of the tank along the tank's longitudinal centerline. This sump shall be fabricated from .50" copolymer polypropylene with a .75" floor. Provisions for a 3.00" NPTF clean-out port shall be provided in the floor of the sump. An anti-swirl device in the form of a horizontal plate shall be provided internally to avoid cavitation over the sump during rapid evacuation. A 3.00" NPTF tank-to-pump suction connection shall be provided in the forward wall of the sump.

The tank shall be mounted to the truck chassis utilizing a structural tubular steel sub frame which provides a properly cushioned mounting surface for the tank. Captive mounting brackets adequately sized for the tank, shall be provided to attach the tank to the sub frame utilizing a cushioned isolator for positive and negative vertical retention. The sub frame shall be bolted to brackets that are fastened to the side of the truck chassis. The front mounts are to be spring-loaded to allow for chassis flexing under extreme road conditions. There shall be a 1.00" polypropylene strip attached to the underside of the sub frame, to isolate the sub frame from the chassis. The forward section of the strip shall have a double-tapered relief to eliminate point loading the frame rail.

The visible exterior portion of the tank shall be jacketed by a brushed (4F) stainless steel wrap to provide an aesthetically pleasing appearance. The elliptical portion and both heads of the tank shall be jacketed with 304 stainless steel sheet. There shall be Styrofoam filler panels fastened to the outside of the tank shell to provide internal support for the stainless steel jacket. The jacket shall be held in constant tension and attached to the tank utilizing stainless steel hardware.

The vent/overflow pipe shall run from the tank dome, through the tank and exit the floor of the tank behind the rear axle.

Comply: (Y/N) _____

TOP OF TANK, ACCESS LADDER

Access to the water tank fill dome shall be from the driver's by means of a heavy duty ladder constructed of aluminum extrusion, with rubber-covered solid aluminum rungs.

The ladder shall be secured near the top of the tank by the manhole and on the top of the catwalk. The ladder mount on the catwalk shall consist of a flexible type isolator to allow the tank and body to move independently.

Comply: (Y/N) _____

TANK OVERFLOW/VENT

A 6.00" tube shall be installed through the shell of the tank. This tube shall function as an overflow to discharge water to the ground once the tank is filled to capacity. It shall also function as a vent to allow air to enter the tank when water is being dumped or pumped from the tank. The tube shall be positioned to drain at the bottom of the truck near the center, behind the rear axle.

Comply: (Y/N) _____

FOLD-A-TANK RACK

A Zico Quic-Lift #PTS rack shall be provided passenger's for storage of a portable folding tank 3500-gallon Fold-a-tank. The Quic-Lift electric lowering system shall be powered by two (2), 12-volt electric actuators.

The electric controls shall be located in such a manner to allow the operator full view of the area in which the fold-a-tank shall be lowered.

The electric actuator control shall have a master switch and also be interlocked to prevent operation should a compartment door, in the travel area of the rack, be in the open position.

A bright aluminum treadplate cover shall be installed on the lowering device to protect the Fol-Da-Tank. This cover shall be installed with a Zico PTS-TCA mounting kit to allow for flexing.

Comply: (Y/N) _____

RACK INTERLOCK AND NOT STOWED INDICATOR LIGHT

An interlock shall be provided to prevent operation of the rack unless the apparatus parking brake has been activated.

A steady red indicator light shall be located on the cab instrument panel and illuminated when the rack is not in the stowed position. The light shall be labeled "Rack". In addition, the "Do Not Move Apparatus" light located in the cab shall be activated when the rack is not in the stowed position.

Comply: (Y/N) _____

LIGHTS, FLASHING, RACK

Flashing amber lights facing the front and rear shall be provided on the rack and activated whenever the rack is in the down position.

Comply: (Y/N) _____

HOSE TRAY

A tray constructed of bright aluminum treadplate with a storage capacity for 200' of 4.00" double jacketed hose shall be installed on the on the driver side of the body above the catwalk.

Comply: (Y/N) _____

CATWALK TRAY HOSE RESTRAINT

Elastic netting shall be provided across the top and on the end(s) of the catwalk tray to secure the hose during travel.

Comply: (Y/N) _____

REAR TANK FILL

A 2.50" gated external tank fill shall be installed and properly labeled at the rear of the water tank, located driver's side.

Piping, for the fill, shall be routed through the rear wall of the tank and include a flow deflector to break up the stream of water entering the water tank.

A 2.50" full flow ball valve with 2.50" piping and a 2.50" (F) NST chrome swivel shall be located at the inlet.

A 2.50" chrome plated 30 degree elbow and plug with VLH automatic pressure relieving thread technology shall be provided for the tank fill.

Comply: (Y/N) _____

REAR TANK FILL

There shall be one (1) gated external tank fill(s) installed and properly labeled at the rear of the water tank, located passenger's side of the tank.

Piping, for the fill, shall be routed through the rear wall of the tank and include a flow deflector to break up the stream of water entering the water tank.

A 4.00" full flow ball valve with 4.00" piping and a 4.00" (M) NST chrome adapter shall be located at the inlet.

A 4.00" (F) NST x 5.00" Storz hard coat aluminum 30 degree elbow adapter and 5.00" blind cap shall be provided for the tank fill.

Comply: (Y/N) _____

REAR TANK DUMP VALVE

One (1) 10.00" stainless steel Newton Quick Dump shall be installed at the rear of the tank. The valve shall be operated manually by a lever control located on top of the valve.

A stainless steel telescopic extension chute shall be included with the rear dump valve. The chute shall be manually operated.

Comply: (Y/N) _____

DRIVER'S SIDE TANK DUMP VALVE

One (1) 10.00" Bray "Tank Dump" valve, series 30, shall be installed at the driver's side of the apparatus, rear of the rear axle. The valve shall have a 316 stainless steel stem, disc and EPDM seat. The valve shall be actuated pneumatically from one (1) switch inside the cab and one (1) switch at the rear of the apparatus.

A sliding stainless steel extension chute shall be provided on the dump valve. The extension chute shall extend 14.00" and retract automatically with a pneumatic cylinder when the valve is opened or closed.

Comply: (Y/N) _____

PASSENGER'S SIDE TANK DUMP VALVE

One (1) 10" Bray "Tank Dump" valve, series 30, shall be installed at the passenger's side of the apparatus, rear of the rear axle. The valve shall have 316 stainless steel stem and disc and EPDM seat. The valve shall be actuated pneumatically from one (1) switch inside the cab and one (1) switch at the rear of the apparatus.

A sliding stainless steel extension chute shall be provided on the dump valve. The extension chute shall extend 14.00" and retract automatically with a pneumatic cylinder when the valve is opened or closed.

Comply: (Y/N) _____

RUNNING BOARDS

Running boards shall be fabricated of bright aluminum treadplate with a minimum thickness of 1/8".

Each running board shall be supported by a welded 2.00" square tubing and channel assembly, which shall be bolted to the pump compartment substructure.

Running boards shall be 12" deep and spaced away from the pump panel.

A splashguard shall be provided above the running board treadplate.

Comply: (Y/N) _____

TAILBOARD

The rear tailboard shall be constructed of bright aluminum treadplate with a minimum thickness of 1/8" supported by a structural steel assembly.

The rear tailboard shall be 16.00" deep.

The exterior side shall be flanged down and in. The flanges shall not be notched. Comply: (Y/N) _____

BACKSTOP BRAKING SYSTEM

A backstop device shall be provided. A rubber touch-sensitive bumper shall be installed on the rear of the tailboard. This bumper shall actuate the chassis brake system with a light touch. As a safety precaution the backstop brake system shall only be actuated when the transmission is in reverse.

Comply: (Y/N) _____

TOW EYES

Two (2) rear painted tow eyes shall be located at the rear of the apparatus and shall be mounted directly to the chassis frame rails. The inner and outer edges of the tow eyes shall have a radius.

Comply: (Y/N) _____

COMPARTMENTATION

Body and compartments shall be fabricated of aluminum with a tensile strength range of 31,000 to 38,000 psi.

Side compartments shall be an integral assembly with the rear fenders.

Circular fender liners shall be provided for prevention of rust pockets and ease of maintenance.

Compartment flooring shall be of the sweep out design with the floor higher than the compartment door lip.

Drip protection shall be provided above the doors by means of bright aluminum extrusion, formed bright aluminum treadplate or polished stainless steel.

Front facing compartment walls shall be covered with bright aluminum treadplate.

All screws and bolts which protrude into a compartment shall have acorn nuts on the ends to prevent injury.

Comply: (Y/N) _____

UNDERBODY SUPPORT SYSTEM

Due to the severe loading requirements of this pumper a method of body and compartment support suitable for the intended load shall be provided.

The backbone of the support system shall be the chassis frame rails which is the strongest component of the chassis and is designed for sustaining maximum loads.

The support system shall include .375” thick steel vertical angle supports bolted to the chassis frame rails with .625” diameter bolts.

Attached to the bottom of the steel vertical angles shall be horizontal angles, with gussets welded to the vertical members, which extend to the outside edge of the body.

The body substructure shall result in a 500 pound equipment support rating per lower compartment.

A design with body compartments hanging on the chassis in an unsupported fashion shall not be acceptable.

Comply: (Y/N) _____

AGGRESSIVE WALKING SURFACE

All exterior surfaces designated as stepping, standing, and walking areas shall comply with the required average slip resistance of the current NFPA standards.

Comply: (Y/N) _____

LOUVERS

All body compartments shall have a minimum of one (1) set of louvers stamped into a wall to provide the proper airflow inside the compartment and to prevent water from dripping into the compartment. These louvers shall be formed into the metal and not added to the compartment as a separate plate.

Comply: (Y/N) _____

TESTING OF BODY DESIGN

Body structural analysis shall be fully tested. Proven engineering and test techniques such as finite element analysis, stress coating and strain gauging have been performed with special attention given to fatigue, life and structural integrity of the cab, body and substructure.

Body shall be tested while loaded to its greatest in-service weight.

The criteria used during the testing procedure shall include:

- Raising opposite corners of the vehicle tires 9.00" to simulate the twisting a truck may experience when driving over a curb.
- Making a 90 degree turn, while driving at 20 mph to simulate aggressive driving conditions.
- Driving the vehicle at 35 mph on a "washboard" road.
- Driving the vehicle at 55 mph on a smooth road.
- Accelerating the vehicle fully, until reaching the approximate speed of 45 mph on rough pavement.

Evidence of actual testing techniques shall be made available upon request. Comply: (Y/N) _____

COMPARTMENTATION, DRIVER'S SIDE

A roll-up door compartment in the area ahead of the rear wheels shall be provided. The interior dimensions of this compartment shall be approximately 50" wide x 31" high x 25" deep. . The height of the compartment shall be measured from the compartment floor to the bottom edge of the door roll. The depth of the compartment shall be calculated with the compartment door closed. The clear door opening of this compartment shall be approximately 44" wide x 32" high. Closing of the door shall not require releasing, unlocking, or unlatching any mechanism and shall easily be accomplished with one hand.

Comply: (Y/N) _____

HARD SUCTION HOSE COMPARTMENT

A hard suction hose storage compartment shall be provided as an integral part of the driver's side body compartments. The hose storage compartment shall be fabricated of the same material as the body compartment and shall be fully enclosed. Access to the hose shall be through a vertically hinged stainless steel door at the rear.

Comply: (Y/N) _____

COMPARTMENTATION, PASSENGER'S SIDE

A roll-up door compartment in the area ahead of the rear wheels shall be provided. The interior dimensions of this compartment shall be approximately 50" wide x 31" high x 25" deep. The height of the compartment shall be measured from the compartment floor to the bottom edge of the door roll. The depth of the compartment shall be calculated with the compartment door closed. The clear door opening of this compartment shall be approximately 44" wide x 32" high. Closing of the door shall not require releasing, unlocking, or unlatching any mechanism and shall easily be accomplished with one hand.

Comply: (Y/N) _____

HARD SUCTION HOSE COMPARTMENT

A hard suction hose storage compartment shall be provided as an integral part of the passenger's side body compartments. The hose storage compartment shall be fabricated of the same material as the body compartment and shall be fully enclosed. Access to the hose shall be through a vertically hinged stainless steel door at the rear.

Comply: (Y/N) _____

HARD SUCTION HOSE

NFPA 1901, 2009 edition, section 7.6 requires a minimum of 20 ft of suction hose or 15 ft of supply hose.

Hose is not on the apparatus as manufactured. The fire department shall provide suction or supply hose.

There shall be two (2) lengths of 10' long hose provided. The brand shall be Kochek.

Comply: (Y/N) _____

ROLL-UP DOOR, SIDE COMPARTMENTS

All roll-up door(s) shall be of an anodized satin finish, double faced, aluminum construction and manufactured by A&A Manufacturing (Gortite).

Lath sections shall be an interlocking rib design and shall be individually replaceable without complete disassembly of door.

Between each slat at the pivoting joint shall be a PVC inner seal to prevent metal to metal contact and prevent dirt or moisture from entering the compartments. Seals shall allow door to operate in extreme temperatures ranging from plus 180 to minus 40 degrees Fahrenheit. Side, top and bottom seals shall be provided to resist ingress of dirt and weather and be made of Santoprene.

All hinges, barrel clips and end pieces shall be nylon 66. All nylon components shall withstand temperatures from plus 300 to minus 40 degrees Fahrenheit. Hardened plastic shall not be acceptable.

A polished stainless steel lift bar shall be provided for opening door. Lift bar shall be located at the bottom of door and have latches on the outer extrusion of the doors frame. A ledge shall be supplied over lift bar for additional area to aid in closing the door.

Door(s) shall be constructed from an aluminum box section. The exterior surface of each slat shall be flat. The interior surfaces shall be concave to provide strength and prevent loose equipment from jamming the door from inside.

To conserve space in the compartment(s), the spring roller assembly shall not exceed 3.00" in diameter. A roll-up door that retracts below the compartment ceiling (garage door style) shall not be acceptable.

The header for the roll-up door assembly shall not exceed 4.00".

A heavy-duty magnetic switch shall be used for control of "open compartment door" warning lights.

All mechanical components of the door shall be warranted to be free from defects in materials and workmanship for the lifetime of the vehicle. All parts covered under this warranty shall be to the original owner.

Comply: (Y/N) _____

RUB RAIL

Bottom edge of the side compartments shall be trimmed with a bright aluminum extruded rub rail.

The rub rails shall not be an integral part of the body construction, which allows replacement in the event of damage.

Comply: (Y/N) _____

HANDRAILS

The handrails shall be 1.25" diameter anodized aluminum extrusion, with a ribbed design, to provide a positive gripping surface.

Chrome plated end stanchions shall support the handrail. Plastic gaskets shall be used between end stanchions and any painted surfaces.

Drain holes shall be provided in the bottom of all vertically mounted handrails.

- Four (4) handrails shall be provided, two above each side pump panel.
- One (1) vertical handrail shall be provided on the driver's side body, on the front bulkhead door frame.
Comply: (Y/N) _____

AIR BOTTLE STORAGE

A total of four (4) air bottle compartments shall be provided, two (2) each side of the body. The air bottle compartment shall be in the form of a PVC round tube to accommodate different size air bottles. A Cast Products door with latch shall be provided to contain the air bottle.

Comply: (Y/N) _____

PIKE POLE 6 FT, PROVIDED BY FIRE DEPARTMENT

NFPA 1901, 2009 edition, Section 7.7.3.1 requires one (1) 6 ft pike pole or plaster hook mounted in a bracket fastened to the apparatus.

The pike pole is not on the apparatus as manufactured. The dealer shall provide and mount the pike pole.
Comply: (Y/N) _____

PIKE POLE STORAGE

Aluminum tubing shall be used for the storage of two (2) pike poles and shall be located on the ceiling of the backboard storage compartment. If the head of a pike pole can come in contact with a painted surface, a stainless steel scuff plate shall be provided.
Comply: (Y/N) _____

STEPS, FRONT OF BODY

Two (2) steps shall be installed at the front of the driver's side compartments. The steps shall be a bright finished, non-skid luminescent folding type. The luminescent coating is rechargeable from any light source and can hold a charge for up to 24 hours. The steps can be used as a hand hold with two openings wide enough for a gloved hand.
Comply: (Y/N) _____

PUMP

Pump shall be a Waterous CS, 1250 gpm, single (1) stage midship mounted centrifugal type.

Pump shall be the class "A" type.

Pump shall deliver the percentage of rated discharge at pressures indicated below:

- 100% of rated capacity at 150 psi net pump pressure.
- 70% of rated capacity at 200 psi net pump pressure.
- 50% of rated capacity at 250 psi net pump pressure.

Pump body shall be close-grained gray iron, bronze fitted, and horizontally split in two (2) sections for easy removal of the entire impeller shaft assembly (including wear rings).

Pump shall be designed for complete servicing from the bottom of the truck, without disturbing the pump setting or apparatus piping.

Pump case halves shall be bolted together on a single horizontal face to minimize a chance of leakage and facilitate ease of reassembly. No end flanges shall be used.

Discharge manifold of the pump shall be cast as an integral part of the pump body assembly and shall provide a minimum of three (3) 3.50" openings for flexibility in providing various discharge outlets for maximum efficiency.

The three (3) 3.50" openings shall be located as follows: one (1) outlet to the right of the pump, one (1) outlet to the left of the pump, and one (1) outlet directly on top of the discharge manifold.

Impeller shaft shall be stainless steel, accurately ground to size. It shall be supported at each end by sealed, anti-friction ball bearings for rigid precise support.

Bearings shall be protected from water and sediment by suitable stuffing boxes, flinger rings, and oil seals. No special or sleeve type bearings shall be used.

Stuffing boxes shall be of the conventional two (2) piece, split-gland type, to permit adjustment or replacement of Grafoil packing without disturbing the pump. Water shall be fed into stuffing box lantern rings for proper lubrication and cooling when the pump is operating.

Lantern rings shall be located at the inner ends of the stuffing boxes, to avoid having to remove them when replacing pump packing.

Wear rings shall be bronze and easily replaceable to restore original pump efficiency and eliminate the need to replace the entire pump casing due to wear.

Comply: (Y/N) _____

PUMP TRANSMISSION

Pump transmission shall be made of a three (3) piece, aluminum, horizontally split casing. Power transfer to pump shall be through a high strength Morse HY-VO silent drive chain.

Drive shafts shall be a minimum of 2.35" diameter hardened and ground alloy steel. All shafts shall be ball bearing supported. The case shall be designed as to eliminate the need for water cooling.

Comply: (Y/N) _____

AIR PUMP SHIFT

Pump shift engagement shall be made by a two (2) position sliding collar, actuated pneumatically (by air pressure), with a three (3) position air control switch located in the cab. A manual back-up shift control shall also be located on the driver's side pump panel.

Two (2) indicator lights shall be provided adjacent to the pump shift inside the cab. One (1) green light shall indicate the pump shift has been completed and be labeled "pump engaged". The second green light shall indicate when the pump has been engaged, and that the chassis transmission is in pump gear. This indicator light shall be labeled "OK to pump".

Another green indicator light shall be installed adjacent to the hand throttle on the pump panel and indicate either the pump is engaged and the road transmission is in pump gear, or the road transmission is in neutral and the pump is not engaged. This indicator light shall be labeled "Warning: Do not open throttle unless light is on".

The pump shift control in the cab shall be illuminated to meet NFPA requirements.

Comply: (Y/N) _____

TRANSMISSION LOCK-UP

The direct gear transmission lock-up for the fire pump operation shall engage automatically when the pump shift control, in the cab, is activated.

Comply: (Y/N) _____

AUXILIARY COOLING SYSTEM

A supplementary heat exchange cooling system shall be provided to allow the use of water from the discharge side of the pump for cooling the engine water. Heat exchanger shall be cylindrical type and shall be a separate unit. It shall be installed in the pump or engine compartment with the control located on the pump operator's control panel. Exchanger shall be plumbed to the master drain valve.

Comply: (Y/N) _____

INTAKE RELIEF VALVE

An Elkhart relief valve shall be installed on the suction side of the pump preset at 125 psig.

Relief valve shall have a working range of 75 psig to 250 psig.

Outlet shall terminate below the framerails with a 2.50" National Standard hose thread adapter and shall have a "do not cap" warning tag.

Control shall be located behind an access door at the right (passenger's) side pump panel.

Comply: (Y/N) _____

PRESSURE CONTROLLER

A Fire Research Pump Boss Model PBA200 pressure governor shall be provided.

A pressure transducer shall be installed in the water discharge manifold on the pump.

The display panel shall be located at the pump operator's panel.

Comply: (Y/N) _____

PRIMING PUMP

The priming pump shall be a Trident Emergency Products compressed air powered, high efficiency; multistage venturi based AirPrime System, conforming to standards outlined in NFPA pamphlet #1901.

All wetted metallic parts of the priming system are to be of brass and stainless steel construction.

One (1) priming control shall open the priming valve and start the pump primer. Comply: (Y/N) _____

IMPELLER HUB

The midship pump impeller hubs shall be flame plated.

Comply: (Y/N) _____

PUMP WARRANTY

A Waterous five (5) year warranty shall be provided for the pump.

Comply: (Y/N) _____

PUMP MANUALS

Two (2) pump manuals from the pump manufacturer shall be furnished in compact disc format with the apparatus. Manuals shall cover pump operation, maintenance, and parts.

Comply: (Y/N) _____

PLUMBING

All inlet and outlet plumbing, 3.00" and smaller, shall be plumbed with either stainless steel pipe or synthetic rubber hose reinforced with high-tensile polyester braid. Small diameter secondary plumbing such as drain lines shall be stainless steel, brass or hose.

Where vibration or chassis flexing may damage or loosen piping or where a coupling is required for servicing, the piping shall be equipped with victaulic or rubber couplings.

Plumbing manifold bodies shall be ductile cast iron or stainless steel.

All lines to drain through either a master drain valve or shall be equipped with individual drain valves. All individual drain lines for discharges shall be extended with a hose to drain below the chassis frame.

All water carrying gauge lines shall be of flexible polypropylene tubing.

Comply: (Y/N) _____

PUMP PLUMBING WARRANTY

The stainless steel plumbing components and ancillary brass fittings used in the construction of the water/foam plumbing system shall be warranted for a period of **ten (10) years or 100,000 miles**. This covers structural failures caused by defective design or workmanship, or perforation caused by corrosion, provided the apparatus is used in a normal and reasonable manner. This warranty is extended only to the original purchaser for a period of ten years from the date of delivery. A copy of the warranty shall be submitted with the bid.

Comply: (Y/N) _____

MAIN PUMP INLETS

A 6.00" pump manifold inlet shall be provided on each side of the vehicle. The suction inlets shall include removable die cast zinc screens that are designed to provide cathodic protection for the pump, thus reducing corrosion in the pump.

The main pump inlets shall have National Standard Threads with long handle chrome caps.

The caps shall incorporate a thread design to automatically relieve stored pressure in the line when disconnected. (No exception)

Comply: (Y/N) _____

VALVES

All ball valves shall be Akron Brass in-line valves. The Akron valves shall be the 8000 series heavy-duty style with a stainless steel ball and a simple two-seat design. No lubrication or regular maintenance is required on the valve.

Valves shall have a ten (10) year warranty.

Comply: (Y/N) _____

INLET (Left side)

On the left side pump panel shall be one (1) 2.50" auxiliary suction, terminating in 2.50" National Standard Hose Thread. The auxiliary suction shall be provided with a strainer, chrome swivel and plug.

The location of the valve for the one (1) inlet shall be recessed behind the pump panel.

Comply: (Y/N) _____

INLET CONTROL

Control for the side auxiliary inlet(s) shall be located at the inlet valve.

Comply: (Y/N) _____

INLET BLEEDER VALVE

A .75" bleeder valve shall be provided for each side gated inlet. The valves shall be located behind the panel with a swing style handle control extended to the outside of the panel. The handles shall be chrome plated and provide a visual indication of valve position. The swing handle shall provide an ergonomic position for operating the valve without twisting the wrist and provides excellent leverage. The water discharged by the bleeders shall be routed below the chassis frame rails.

Comply: (Y/N) _____

TANK TO PUMP

The booster tank shall be connected to the intake side of the pump with heavy duty piping and a quarter turn 3.00" full flow line valve with the control remotely located at the operator's panel. Tank to pump line shall run straight (no elbows) from the pump into the front face of the water tank and angle down

into the tank sump. A rubber coupling shall be included in this line to prevent damage from vibration or chassis flexing.

A check valve shall be provided in the tank to pump supply line to prevent the possibility of "back filling" the water tank. Comply: (Y/N) _____

TANK REFILL

A 2.50" tank refill shall be provided using a quarter-turn full flow ball valve, controlled from the pump operator's panel. Comply: (Y/N) _____

DISCHARGE OUTLETS (Left Side)

There shall be two (2) discharge outlets with a 2.50" valve on the left side of the apparatus, terminating with a male 2.50" National Standard hose thread adapter. Comply: (Y/N) _____

DISCHARGE OUTLETS (Right Side)

There shall be one (1) discharge outlet 2.50" valve on the right side of the apparatus, terminating with a male 2.50" National Standard hose thread adapter. Comply: (Y/N) _____

DISCHARGE OUTLET, 4.00"

There shall be a 4.00" discharge outlet with a 4.00" Akron valve installed on the right side of the apparatus, terminating with male a 4.00" National Standard hose thread adapter. This discharge outlet shall be actuated with a handwheel control at the pump operator's control panel.

An indicator shall be provided to show when the valve is in the closed position. Comply: (Y/N) _____

DISCHARGE OUTLET (Rear)

There shall be one (1) discharge outlet piped to the rear of the hose bed, on driver's side, installed so proper clearance is provided for spanner wrenches or adapters. Plumbing shall consist of 2.50" piping along with a 2.50" full flow ball valve with the control from the pump operator's panel.

Comply: (Y/N) _____

DISCHARGE CAPS

Chrome plated, rocker lug, caps with chains shall be furnished for all side discharge outlets.

The caps shall include a thread design to automatically relieve stored pressure in the line when disconnected. (No exception) Comply: (Y/N) _____

OUTLET BLEEDER VALVE

A .75" bleeder valve shall be provided for each outlet 1.50" or larger. Automatic drain valves are acceptable with some outlets if deemed appropriate with the application.

The valves shall be located behind the panel with a swing style handle control extended to the outside of the side pump panel. The handles shall be chrome plated and provide a visual indication of valve position. The swing handle shall provide an ergonomic position for operating the valve without twisting the wrist and provides excellent leverage. Bleeders shall be located at the bottom of the pump panel. They shall be properly labeled identifying the discharge they are plumbed in to. The water discharged by the bleeders shall be routed below the chassis frame rails. Comply: (Y/N) _____

ELBOWS, LEFT SIDE OUTLETS

The 2.50" discharge outlets, located on the left side pump panel, shall be furnished with a 2.50"(F) National Standard hose thread x 2.50"(M) National Standard hose thread, chrome plated, 45 degree elbow.

The elbow shall incorporate a thread design to automatically relieve stored pressure in the line when disconnected. (No exception) Comply: (Y/N) _____

ELBOWS, RIGHT SIDE OUTLETS

The 2.50" discharge outlets, located on the right side pump panel, shall be furnished with a 2.50"(F) National Standard hose thread x 2.50"(M) National Standard hose thread, chrome plated, 45 degree elbow.

The elbow shall incorporate a thread design to automatically relieve stored pressure in the line when disconnected. (No exception) Comply: (Y/N) _____

ELBOWS, REAR OUTLETS

The 2.50" discharge outlets, located at the rear of the apparatus, shall be furnished with a 2.50"(F) National Standard hose thread x 2.50"(M) National Standard hose thread, chrome plated, 45 degree elbow.

The elbow will incorporate a thread design to automatically relieve stored pressure in the line when disconnected. (No exception) Comply: (Y/N) _____

ELBOW, 4.00" OUTLET

The 4.00" outlet shall be furnished with a 4.00"(F) National Standard hose thread x 5.00" Storz elbow adapter with Storz cap. Comply: (Y/N) _____

DISCHARGE OUTLET CONTROLS

The discharge outlets shall incorporate a quarter-turn ball valve with the control located at the pump operator's panel. The valve operating mechanism shall indicate the position of the valve.

If a handwheel control valve is used, the control shall be a minimum of a 3.9" diameter chrome plated handwheel with a dial position indicator built in to the center of the handwheel. Comply: (Y/N) _____

CROSSLAY HOSE BEDS

Two crosslays with 1.50" outlets shall be provided. Each bed shall be capable of carrying 200 feet of 1.75" double jacketed hose and shall be plumbed with 2.00" i.d. pipe and gated with a 2.00" quarter turn ball valve.

Outlets to be equipped with a 1.50" National Standard hose thread 90 degree swivel located in the hose bed so that hose may be removed from either side of apparatus.

The crosslay controls shall be at the pump operator's panel.

The crosslay dividers shall be fabricated of .25" aluminum and shall provide adjustment from side to side. The divider shall be unpainted with a DA finish.

Vertical scuffplates, constructed of stainless steel, shall be provided where hose may rub against painted surface.

Crosslay bed flooring shall consist of removable perforated brushed aluminum. Comply: (Y/N) _____

CROSSLAY HOSE BEDS, 2.50"

One (1) crosslay with 2.50" outlets shall be provided. This bed shall be capable of carrying 200 feet of 2.50" double jacketed hose and shall be plumbed with 2.50" i.d. pipe and gated with a 2.50" quarter turn ball valve.

Outlet to be equipped with a 2.50" National Standard hose thread 90 degree swivel located in the hose bed so that hose may be removed from either side of apparatus.

The crosslay control shall be at the pump operator's panel.

The center crosslay dividers shall be fabricated of .25" aluminum and shall provide adjustment from side to side. The divider shall be unpainted with a brushed finish. The remainder of the crosslay bed shall be painted job color.

Stainless steel vertical scuffplates shall be provided at hose bed ends (each side of vehicle). Bottom of hose bed ends (each side) shall also be equipped with a stainless steel scuff plate.

Crosslay bed flooring shall consist of removable perforated brushed aluminum. Comply: (Y/N) _____

CROSSLAY HOSE RESTRAINT

A 1.00" nylon webbing design restraint shall be provided across the ends of the crosslays to secure the hose during travel. The webbing assembly is to be attached at the bottom of the crosslays with footman loops and is to loop through the upper footman loops at the top of the crosslays. The 1.00" web straps are to come down outboard and lock into a cam lock style buckle. Comply: (Y/N) _____

BACKBOARD STORAGE

A transverse area over the pump and rearward shall hold two (2) backboards.

A blister shall be supplied at each side to enclose the backboard due to its length.

The backboards shall be accessible from the either side of the vehicle through stainless steel doors.

The sizes of the back boards are 72" long by 18" wide by 2" thick each. Comply: (Y/N) _____

PUMP COMPARTMENT

The pump compartment shall be separate from the hose body and compartments so that each may flex independently of the other. It shall be a fabricated assembly of steel tubing, angles and channels which supports both the fire pump and the side running boards.

The pump compartment shall be mounted on the chassis frame rails with rubber biscuits in a four point pattern to allow for chassis frame twist.

Pump compartment, pump, plumbing and gauge panels shall be removable from the chassis in a single assembly. Comply: (Y/N) _____

PUMP MOUNTING

Pump shall be mounted to a substructure which shall be mounted to the chassis frame rail using rubber isolators. The mounting shall allow chassis frame rails to flex independently without damage to the fire pump. Comply: (Y/N) _____

PUMP CONTROL PANELS (Left Side Control)

All pump controls and gauges shall be located at the left (driver's) side of the apparatus and properly identified.

Layout of the pump control panel shall be ergonomically efficient and systematically organized.

The pump operator's control panel shall be removable in two (2) main sections for ease of maintenance:

The upper section shall contain sub panels for the mounting of the pump pressure control device, engine monitoring gauges, electrical switches, and foam controls (if applicable). Sub panels shall be removable

from the face of the pump panel for ease of maintenance. Below the sub panels shall be located all valve controls and line pressure gauges.

The lower section of the panel shall contain all inlets, outlets, and drains.

All push/pull valve controls shall have 1/4 turn locking control rods with polished chrome plated zinc tee handles. Guides for the push/pull control rods shall be chrome plated zinc castings securely mounted to the pump panel. Push/pull valve controls shall be capable of locking in any position. The control rods shall pull straight out of the panel and shall be equipped with universal joints to eliminate binding.

Comply: (Y/N) _____

IDENTIFICATION TAGS

The identification tag for each valve control shall be recessed in the face of the tee handle.

All discharge outlets shall have color coded identification tags, with each discharge having its own unique color. Color coding shall include the labeling of the outlet and the drain for each corresponding discharge.

All line pressure gauges shall be mounted directly above the corresponding discharge control tee handles and recessed within the same chrome plated casting as the rod guide for quick identification. The gauge and rod guide casting shall be removable from the face of the pump panel for ease of maintenance. The casting shall be color coded to correspond with the discharge identification tag.

All remaining identification tags shall be mounted on the pump panel in chrome plated bezels.

The pump panel on the right (passenger's) side shall be removable with lift and turn type fasteners.

Trim rings shall be installed around all inlets and outlets.

The trim rings for the side discharge outlets shall be color coded and labeled to correspond with the discharge identification tag.

Comply: (Y/N) _____

PUMP PANEL CONFIGURATION

The pump panel configuration shall be arranged and installed in an organized manner that shall provide user-friendly operation.

Comply: (Y/N) _____

PUMP AND GAUGE PANEL

The pump and gauge panels shall be constructed of black vinyl covered aluminum to allow easy identification of the gauges and controls and to eliminate glare.

A polished aluminum trim molding shall be provided on both sides of the pump panel.

The passenger's side pump panel shall be removable and fastened with swell type fasteners.

Comply: (Y/N) _____

PUMP PANEL GAUGES AND CONTROLS

The following shall be provided on the pump panel in the FRC pressure governor control panel:

LED engine oil pressure gauge

LED engine water temperature gauge

LED tachometer

LED voltmeter

A master pump drain control shall be included with this installation.

Comply: (Y/N) _____

AIR HORN BUTTON

An air horn control button shall be provided at the pump operator's control panel. This button shall be properly labeled and put within easy reach of the operator.

Comply: (Y/N) _____

GAUGES, VACUUM and PRESSURE

The pump vacuum and pressure gauges shall be silicone filled and manufactured by Class 1, Inc.

The gauges shall be a minimum of 4.50" in diameter and shall have white faces with black lettering, with a pressure range of 30.00"-0-600#.

The pump pressure and vacuum gauges shall be installed adjacent to each other at the pump operator's control panel.

Test port connections shall be provided at the pump operator's panel. One shall be connected to the intake side of the pump, and the other to the discharge manifold of the pump. They shall have 0.25 in. standard pipe thread connections and polished stainless steel plugs. They shall be marked with a label.

Comply: (Y/N) _____

PRESSURE GAUGES

The individual "line" pressure gauges for the discharges shall be interlube filled and manufactured by Class 1.

They shall be a minimum of 2.50" in diameter and shall have white faces with black lettering.

Gauges shall have a pressure range of 0-400#.

The individual pressure gauge shall be installed as close to the outlet control as practical.

Comply: (Y/N) _____

WATER LEVEL GAUGE

An electronic master water level gauge shall be provided on the operator's panel, mini level gauge inside the cab and an additional level gauge shall be located at the rear of the apparatus. Water levels shall be indicated by means of five (5) durable, ultra-bright five LED lights. The standard size (not the mini) level gauges shall have a lens design that shall be viewable through 180 degrees. The water level indicators shall be as follows:

- 100% = Green
- 75% = Yellow
- 50% = Yellow
- 25% = Yellow
- Refill = Red

The light shall flash when the level drops below the given level indicator to provide an eighth of a tank indication. To further alert the pump operator, the lights shall flash sequentially when the water tank is empty.

The level measurement shall be based on the sensing of head pressure of the fluid in the tank.

The display shall be constructed of a solid plastic material with a chrome plated die cast bezel to reduce vibrations that can cause broken wires and loose electronic components. The encapsulated design shall provide complete protection from water and environmental elements. An industrial pressure transducer shall be mounted to the outside of the tank. The display measures head pressure to accurately show the tank level.

Comply: (Y/N) _____

LIGHT SHIELD

Illumination shall be provided for controls, switches, essential instructions, gauges, and instruments necessary for the operation of the apparatus and the equipment provided on it. External illumination shall be a minimum of five (5) foot-candles on the face of the device. Internal illumination shall be a minimum of four (4) foot lamberts.

Lights shall be installed under a stainless steel shield. A light shall come on above the pump panel light switch when the parking brake is set. This is to afford the operator some illumination when first approaching the control panel. A green pump engaged indicator shall come on at the operator's panel when the pump is shifted into gear from inside the cab. One pump panel light shall also come on at the operator's panel when the pump is shifted into gear from inside the cab. The remaining lights to be actuated from a switch located on the pump panel.

Comply: (Y/N) _____

ELECTRICAL

All 12-volt electrical equipment installed by the apparatus manufacturer shall conform to modern automotive practices. All wiring shall be high temperature crosslink type. Wiring shall be run in loom or conduit where exposed and have grommets where wire passes through sheet metal. Automatic reset circuit breakers shall be provided which conform to SAE Standards. Wiring shall be color, function and number coded. Function and number codes shall be continuously imprinted on all wiring harness conductors at 2.00" intervals. Exterior exposed wire connectors shall be positive locking, and environmentally sealed to withstand elements such as temperature extremes, moisture and automotive fluids. Electrical wiring and equipment shall be installed utilizing the following guidelines:

- (1) All holes made in the roof shall be caulked with silicon. Rope caulk is not acceptable. Large fender washers, liberally caulked, shall be used when fastening equipment to the underside of the cab roof.
- (2) Any electrical component that is installed in an exposed area shall be mounted in a manner that shall not allow moisture to accumulate in it. Exposed area shall be defined as any location outside of the cab or body.
- (3) Electrical components designed to be removed for maintenance shall not be fastened with nuts and bolts. Metal screws shall be used in mounting these devices. Also a coil of wire shall be provided behind the appliance to allow them to be pulled away from mounting area for inspection and service work.
- (4) Corrosion preventative compound shall be applied to all terminal plugs located outside of the cab or body. All non-waterproof connections shall require this compound in the plug to prevent corrosion and for easy separation (of the plug).
- (5) All lights that have their sockets in a weather exposed area shall have corrosion preventative compound added to the socket terminal area.
- (6) All electrical terminals in exposed areas shall have silicon (1890) applied completely over the metal portion of the terminal. All emergency light switches shall be mounted on a separate panel installed in the cab. A master warning light switch and individual switches to be provided to allow preselection of

emergency lights. The light switches shall be "rocker" type with an internal indicator light to show when switch is energized. All switches shall be properly identified and mounted in a removable panel for ease in servicing. Identification of the switches shall be done by either printing or etching on the switch panel. The switches and identification shall be illuminated.

All lights and reflectors, required to comply with Federal Motor Vehicle Safety Standard #108, shall be furnished. Rear identification lights shall be recessed mounted for protection. Lights and wiring mounted in the rear bulkheads shall be protected from damage by installing a false bulkhead inside the rear compartments.

An operational test shall be conducted to ensure that any equipment that is permanently attached to the electrical system is properly connected and in working order.

The results of the tests shall be recorded and provided to the purchaser at time of delivery.

Comply: (Y/N) _____

STEP LIGHTS

Four (4) Ri-Tar, Model M27HW2 LED, step lights shall be provided. One (1) step light shall be provided on each side, on the front compartment face and two (2) step lights at the rear to illuminate the tailboard.

These step lights shall be actuated with the pump panel light switch.

Comply: (Y/N) _____

REAR FMVSS LIGHTING

The rear stop/tail and directional LED lighting shall consist of the following:

Two (2) Whelen model 60R00XRR red LED stop/tail lights.

Two (2) Whelen model 60A00TAR amber LED arrow turn lights.

Each light shall be installed separately at the rear with a flange.

Four (4) red reflectors shall be provided.

A Weldon, Model 23882-2600-00, license plate bracket shall be mounted on the driver's side above the warning lights. A Weldon, Model 9186-23882-30, step lamp shall illuminate the license plate.

Two (2) Whelen, Model: 60J000CR, backup lights shall be provided.

Both lights shall be installed with 6E or 64 flange kit.

Comply: (Y/N) _____

REAR ID/MARKER DOT LIGHTING

The three (3) identification lights located at the rear shall be installed per the following:

Peterson, model 171 Piranha (3) lamp LED lights recessed into the body.

The center lights shall be as close to the vertical centerline and as high as practical.

Centers spaced not less than six (6) inches or more than twelve (12) inches apart.

Red in color.

All at the same height.

Two (2) red Peterson, model 171 Piranha, recessed LED lights, located as high and as close to the outside as possible facing the rear.

Two (2) red Peterson, model 171 Piranha, recessed LED lights, located at a minimum of 15" above the ground and as far to the rear as practical facing the side.

Two (2) red reflex reflectors shall be located on the rear of the truck facing to the rear. One (1) each side, as far to the outside as practical, at a minimum of 15", but no more than 60", above the ground.

Two (2) red reflex reflectors shall be located on the side of the truck facing to the side. One (1) each side, as far to the rear as practical, at a minimum of 15", but no more than 60", above the ground.

Per FMVSS 108 and CMVSS 108 requirements.

Comply: (Y/N) _____

"DO NOT MOVE APPARATUS" INDICATOR

A flashing red indicator light (located in the driving compartment) shall be illuminated automatically per the current edition of NFPA. The light shall be labeled "Do Not Move Apparatus If Light Is On".

Comply: (Y/N) _____

OPEN DOOR INDICATOR LIGHT

A red "open door" indicator light shall be provided inside the cab, in clear view of the driver, to warn of an open compartment door.

Comply: (Y/N) _____

COMPARTMENT LIGHTING

There shall be two (2) compartments with Amdor LED compartment light strips. The strips shall be centered vertically along each side of the door framing. The compartments with these strip lights shall be located in the side body compartments.

Any remaining compartments shall include 6.00" diameter Truck-Lite, Model: 79384, lights in each enclosed compartment. Each light shall have a number 1076 one filament, two wire bulb.

Opening the compartment door shall automatically turn the compartment lighting on.

Comply: (Y/N) _____

PUMP COMPARTMENT LIGHT

A compartment light shall be provided inside the pump enclosure.

Comply: (Y/N) _____

PERIMETER SCENE LIGHTS, CAB

There shall be a Truck-Lite, model 60, grommet mount weatherproof light provided for each cab door. Lighting shall be designed to provide illumination on areas under the driver and officer riding area exits, which shall be activated automatically when the exit doors are opened and by the same means as the body perimeter lights.

The lighting shall be capable of providing illumination at a minimum level of two (2) foot-candles on ground areas within 30.00" of the edge of the apparatus in areas which personnel climb in or out of the apparatus or descend from the apparatus to the ground level.

Comply: (Y/N) _____

PERIMETER SCENE LIGHTS, BODY

There shall be a total of four (4) Truck-Lite, model 60, grommet mount weatherproof lights provided on the apparatus. Two (2) lights shall be provided under the rear step area and two (2) lights shall be provided under the pump panel running boards. The lights shall be spaced one (1) each side of apparatus and have a clear lens. The perimeter scene lights shall be activated by a parking brake.

The lighting shall be capable of providing illumination at a minimum level of two (2) foot-candles on ground areas within 30.00" of the edge of the apparatus in areas designed for personnel to climb onto the apparatus or descend from the apparatus to the ground level.

Comply: (Y/N) _____

SCENE LIGHTS

There shall be two (2) Weldon, Model 7862-0000-33 HID scene light(s) with chrome bezel(s), installed at the rear of the apparatus, on the upper stanchions.

A control for the light(s) selected above shall be located in the driver's side switch panel

These lights may be load managed when the parking brake is set.

Comply: (Y/N) _____

CAB SPOTLIGHT

One (1) GOLIGHT, model 2020 spotlight will be mounted behind the lightbar on a painted pedestal. The spotlight will be remote controlled from inside the cab by a four (4) position joystick. The joystick will be within easy reach of within reach of the driver.

Comply: (Y/N) _____

PORTABLE HAND LIGHTS, PROVIDED BY FIRE DEPARTMENT

NFPA 1901, 2009 edition, section 7.7.3.1 requires two portable hand lights mounted in brackets fastened to the apparatus.

The hand lights are not on the apparatus as manufactured. The fire department shall provide and mount these hand lights.

Comply: (Y/N) _____

AIR HORN SYSTEM

Two (2) Grover air horns shall be provided and located one (1) each side of the engine. The horn system shall be piped to the air brake system wet tank utilizing .38" tubing. A pressure protection valve shall be installed in-line to prevent the loss of air, in the air brake system.

Comply: (Y/N) _____

AIR HORN CONTROL

The air horns shall be actuated by a push button located on officer side instrument panel and by the horn button in the steering wheel. The driver shall have the option to control the air horns or the chassis horns from the horn button by means of a selector switch located on the instrument panel.

Comply: (Y/N) _____

ELECTRONIC SIREN

A Whelen, Model: 295SLSA1, electronic siren with noise canceling microphone shall be provided.

Siren head shall be located in the center console.

The electronic siren shall be actuated by a push button located on the officer's side instrument panel and by the horn button in the steering wheel.

The driver shall have the option to control the siren or the chassis horns from the horn button by means of a selector switch located on the instrument panel.

Comply: (Y/N) _____

SPEAKER

There shall be one (1) speaker provided. Each speaker shall be a Whelen model SA315P black nylon composite, 100-watt, with through bumper mounting brackets. Each speaker shall be connected to the siren amplifier.

The speaker(s) shall be mounted behind an opening in the front bumper on the center.

Comply: (Y/N) _____

LIGHTBAR

One (1) 72.00" Whelen, Model: Freedom LED lightbar shall be mounted on the cab roof.

This lightbar shall include the following:

Two (2) red flashing forward facing LED modules.

Two (2) clear flashing forward facing LED modules.

Two (2) red flashing front corner LED modules.

One (1) red flashing driver side facing LED module.

One (1) red flashing officer side facing LED module.

One (1) switch located in the cab on the switch panel shall control this lightbar.

The lens color shall be clear. To meet NFPA requirements, all clear lights shall be deactivated when the parking brake is applied. Comply: (Y/N) _____

WARNING LIGHTS (Cab Face)

A pair of flush mounted, Whelen model 60*02F*R, flashing Super LED lights shall be provided on the cab face.

The color of these lights shall be red Super LED/red lens.

These lights shall meet or exceed the NFPA required optical light output for the front lower zone.

A switch shall be provided inside the cab on the switch panel for actuation.

These lights shall be installed with a flange. Comply: (Y/N) _____

HEADLIGHT FLASHER

The high beam headlights shall flash alternately between the left and right side, with a control switch located on the cab instrument panel.

The flashing shall automatically cancel when the headlight switch is activated or when the parking brake is set. Comply: (Y/N) _____

SIDE ZONE LOWER LIGHTING

Six (6) Whelen Super-LED™ lights shall be located at the following positions:

Two (2) model 50*03Z*R red Super LED/red lens flashing warning lights.

The location of these lights shall be one (1) each side on the engine hood under 62.00".

Two (2) model 60*02F*R red Super LED/red lens each side flashing warning lights.

The location of these lights shall be in the cab step area each side.

Two (2) model 60*02F*R red Super LED/red lens each side flashing warning lights.

The location of these lights shall be in the rear wheel well area each side.

One (1) switch located in the cab on the switch panel shall control these lights.

These lights shall be installed with three (3) pairs of flange kits. Comply: (Y/N) _____

REAR ZONE LOWER LIGHTING

Two (2) Whelen model 60*02F*R flashing "Super" LED warning lights shall be located at the rear of the apparatus, required to meet or exceed the lower level optical warning and optical power requirements of NFPA.

The color of these lights shall be red Super LED/red lens.

One (1) switch in the cab on the switch panel shall control these lights.

These lights shall be installed with a flange.

Comply: (Y/N) _____

WARNING LIGHTS (Rear of Hose Bed)

Two (2) Whelen L31H*FN LED warning beacons shall be provided at the rear of the truck, located one (1) each side. These lights shall be activated by a lighted switch on the instrument panel.

The color of the lights shall be red LEDs with both domes red.

Comply: (Y/N) _____

NFPA REQUIRED LOOSE EQUIPMENT, PROVIDED BY FIRE DEPARTMENT

The following loose equipment as outlined in NFPA 1901, 2009 edition, section 7.7.2.1, 7.7.2.2, and 7.7.3.1 shall be provided by the fire department. All loose equipment shall be installed on the apparatus before placed in emergency service, unless the fire department waives NFPA section 4.21.

- 200 ft (60 m) of 2½" (65 mm) or larger fire hose.
- 400 ft (120 m) of 1½" (38 mm), 1¾" (45 mm), or 2" (52 mm) fire hose (if equipped with a fire pump).
- Two (2) hand line nozzles, 95 gpm (360 L/min) minimum (if equipped with a fire pump).
- One (1) SCBA complying with NFPA 1981, *Standard on Open-Circuit Self-Contained Breathing Apparatus for Fire and Emergency Services*, for each assigned seating position, but not fewer than two (2), mounted in brackets fastened to the apparatus or stored in containers supplied by the SCBA manufacturer.
- One (1) spare SCBA cylinder for each SCBA carried, each mounted in a bracket fastened to the apparatus or stored in a specially designed storage space(s).
- One (1) first aid kit.
- Two (2) combination spanner wrenches mounted in a bracket(s) fastened to the apparatus.
- One (1) hydrant wrench mounted in a bracket fastened to the apparatus.
- One (1) double female adapter, sized to fit 2½" (65 mm) or larger fire hose, mounted in a bracket fastened to the apparatus.
- One (1) double male adapter, sized to fit 2½" (65 mm) or larger fire hose, mounted in a bracket fastened to the apparatus.
- One (1) rubber mallet, for use on suction hose connections, mounted in a bracket fastened to the apparatus (if equipped with a fire pump).
- One (1) traffic vest for each seating position, each vest to comply with ANSI/ISEA 207, *Standard for High Visibility Public Safety Vests*, and have a five-point breakaway feature that includes two at the shoulders, two at the sides, and one at the front.
- Five (5) fluorescent orange traffic cones not less than 28" (711 mm) in height, each equipped with a 6" (152 mm) retro-reflective white band no more than 4" (102 mm) from the top of the cone, and an additional 4" (102 mm) retro-reflective white band 2" (51 mm) below the 6" (152 mm) band.

- Five (5) illuminated warning devices such as highway flares, unless the five (5) fluorescent orange traffic cones have illuminating capabilities.
 - One automatic external defibrillator (AED).
 - If none of the pump intakes are valved, a hose appliance that is equipped with one or more gated intakes with female swivel connection(s) compatible with the supply hose used on one side and a swivel connection with pump intake threads on the other side shall be carried. Any intake connection larger than 3 in. (75 mm) shall include a pressure relief device that meets the requirements of 16.6.6 (if equipped with pump).
 - If the apparatus does not have a 2½” National Hose (NH) intake, an adapter from 2½” NH female to a pump intake shall be carried, mounted in a bracket fastened to the apparatus if not already mounted directly to the intake.
 - If the supply hose carried has other than 2½” National Hose (NH) threads, adapters shall be carried to allow feeding the supply hose from a 2½” NH thread male discharge and to allow the hose to connect to a 2½” NH female intake, mounted in brackets fastened to the apparatus if not already mounted directly to the discharge or intake.
- Comply: (Y/N) _____

STRAINER, PROVIDED BY FIRE DEPARTMENT

NFPA 1901, 2009 edition, section 7.6.1.1 requires a suction strainer when suction hose is provided.

The strainer is not on the apparatus as manufactured. The fire department shall provide the suction strainer.

Comply: (Y/N) _____

DRY CHEMICAL EXTINGUISHER PROVIDED BY FIRE DEPARTMENT

NFPA 1901, 2009 edition, section 7.7.3.1 requires one (1) approved dry chemical portable fire extinguisher with a minimum 80-B:C rating mounted in a bracket fastened to the apparatus.

The extinguisher is not on the apparatus as manufactured. The fire department shall provide and mount the extinguisher.

Comply: (Y/N) _____

WATER EXTINGUISHER PROVIDED BY FIRE DEPARTMENT

NFPA 1901, 2009 edition, section 7.7.3.1 requires one (1) 2.5 gallon or larger water extinguisher mounted in a bracket fastened to the apparatus.

The extinguisher is not on the apparatus as manufactured. The fire department shall provide and mount the extinguisher.

Comply: (Y/N) _____

AXE, FLATHEAD, PROVIDED BY FIRE DEPARTMENT

NFPA 1901, 2009 edition, Section 7.7.3.1 requires one (1) flathead axe mounted in a bracket fastened to the apparatus.

The axe is not on the apparatus as manufactured. The fire department shall provide and mount the axe.

Comply: (Y/N) _____

PAINT

The exterior custom body painting finishing process as follows:

Manual Surface Preparation - All exposed metal surfaces on the custom body shall be thoroughly cleaned and prepared for painting. Surfaces that shall not be painted include all chrome plated, stainless steel, anodized aluminum and bright aluminum treadplate. Each imperfection on the exterior metal

surface shall be removed or filled and then sanded smooth for a smooth appearance. All seams shall be sealed before painting.

Chemical Cleaning and Treatment - The metal surfaces shall be properly cleaned using an acid etching system. Surfaces are chemically cleaned to remove all dirt, oil, grease and metal oxides to ensure the subsequent coatings bond well. An ultra pure water final rinse shall be applied to all metal surfaces, excluding undercarriage components, at the conclusion of the metal treatment process.

Sealer Primer Coat - A two (2) component sealer primer coat shall be applied.

Topcoat Paint - Urethane base coat shall be applied to opacity for correct color matching.

Clearcoat - Two (2) coats of an automotive grade two (2) component urethane shall be applied. Lap style doors shall be clear coated to match the body. Roll-up doors shall not be clear coated and the standard roll-up door warranty shall apply.

All removable items such as brackets, compartment doors, door hinges, trim, etc. shall be removed and painted separately to insure paint behind all mounted items. Body assemblies that cannot be finish painted after assembly shall be finish painted before assembly.

The chassis shall be painted by the chassis manufacturer, and shall remain the commercial grade finish as provided. To ensure a good color match between the body and chassis, the apparatus manufacturer and chassis manufacturer shall have a mutually pre-approved paint color program. The apparatus shall be painted **candy apple red to match existing apparatus**.

Prior to reassembly and reinstallation of lights, handrails, door hardware and any miscellaneous body items, an isolation tape or gasket material must be used to prevent damage to the finish painted surfaces (no exceptions). A nylon washer shall be installed under each acorn nut or metal screw that is fastened directly to a painted body surface.

Comply: (Y/N) _____

PAINT - ENVIRONMENTAL IMPACT

Contractor shall meet or exceed all current State regulations concerning paint operations. Pollution control shall include measures to protect the atmosphere, water and soil. Controls shall include the following conditions:

- Topcoats and primers must be chrome and lead free.
- Metal treatment chemicals must be chrome free. The wastewater generated in the metal treatment process must be treated to remove any other heavy metals.
- Particulate emissions from painting operations must be collected by a dry filter or water wash process.
- Solvents used in clean-up operations must be collected, sent off-site for distillation and returned for reuse.

Additionally, the finished apparatus shall not be manufactured with or contain products that have ozone depleting substances. Contractor shall, upon demand, present evidence that his manufacturing facility meets the above conditions and that it is in compliance with his State EPA rules and regulations.

Comply: (Y/N) _____

PAINT CHASSIS FRAME ASSEMBLY

The chassis frame assembly shall remain the color and paint quality as received from the chassis manufacturer. The frame and components shall not be repainted.

Components that are considered part of the "frame assembly" are frame rails, cross members, axles, suspension, steering gear and the fuel tank. Comply: (Y/N) _____

PAINT, COMPARTMENT INTERIOR

Interior of compartmentation shall be painted with gray spatter type paint. Comply: (Y/N) _____

REFLECTIVE STRIPES

Three (3) reflective stripes shall be provided across the front of the vehicle and along the sides of the body. The reflective band shall consist of a 1.00" blue stripe at the top with a 1.00" gap then a 6.00" white stripe with a 1.00" gap and a 1.00" blue stripe on the bottom.

The reflective vinyl band shall be provided across the front bumper. Comply: (Y/N) _____

CHEVRON STRIPING, REAR

There shall be alternating chevron striping located on the rear-facing vertical surface of the apparatus. The entire rear surface, excluding the tank, shall be covered.

The colors shall be red and fluorescent yellow diamond grade.

Each stripe shall be 6.00" in width.

This shall meet the requirements of NFPA 1901, 2009 edition, which states that 50% of the rear surface shall be covered with chevron striping. Comply: (Y/N) _____

"Z" JOG IN REFLECTIVE STRIPE

There shall be one (1) "Z"-shaped jog/s provided in the reflective stripe design. Comply: (Y/N) _____

CAB DOORS REFLECTIVE STRIPE

A 6.00" x 16.00" white reflective stripe shall be provided across the interior of each cab door. The stripe shall be located approximately 1.00" up from the bottom, on the stainless steel door panel.

This stripe shall meet the NFPA 1901 requirement. Comply: (Y/N) _____

LETTERING

Sixty-one (61) to eighty (80) reflective lettering, 4.00" high with outlining shall be provided. Comply: (Y/N) _____

REFLECTIVE LETTERING

Three (3) letters, 18.00" high white reflective shall be installed on the cab roof. Comply: (Y/N) _____

REFLECTIVE LETTERING

Three (3) letters, 18.00" high blue reflective letter(s) shall be installed on the rear of the water tank. The outline or shadow shall be a white. Comply: (Y/N) _____

REFLECTIVE LETTERING ON ROLL-UP DOORS

Six (6) letters, 18.00" high letter/s, made of blue reflective vinyl, with outline or shade, shall be installed on the roll-up doors at on the sides of the apparatus body. Comply: (Y/N) _____

DECAL INSTALLATION

There shall be one (1) pair of decals furnished by the fire department and applied by the apparatus manufacturer. Comply: (Y/N) _____

3.1 DEFINITIONS

Addenda: A written change to a solicitation.

Bid: shall refer to any offer(s) submitted in response to this Invitation to Bid.

Bidder: Shall refer to anyone submitting a bid in response to an Invitation to Bid.

Contract: The agreement to perform the services set forth in this solicitation. The contract will be comprised of the solicitation document signed by both parties with any addenda and other attachments specifically incorporated.

Contractor: The vendor to which award has been made.

County: Shall refer to Lake County, Florida.

Invitation to Bid (ITB): Shall mean this solicitation document, including any and all addenda. An ITB contains well-defined terms, conditions, and specifications, and is awarded to the lowest priced responsive and responsible bidder.

Modification: A written change to a contract.

Responsive: Refers to a bid that contains no exceptions or deviations from the terms, conditions, and specifications set forth in the Invitation to Bid.

Responsible: Refers to a bidder that has the capacity and capability to perform the work required under an Invitation to Bid, and is otherwise eligible for award.

Responsive: Refers to a bidder that has taken no exception or deviation from the terms, conditions, and specifications set forth in an Invitation to Bid.

Solicitation: The written document requesting either bids or proposals from the marketplace.

Vendor: A general reference to any entity responding to this solicitation or performing under any resulting contract.

The County has established for purposes of this Invitation to Bid (ITB) that the words “shall”, “must”, or “will” are equivalent in this ITB and indicate a mandatory requirement or condition, the material deviation from which shall not be waived by the County. A deviation is material if, in the County’s sole discretion, the deficient response is not in substantial accord with this ITB’s mandatory requirements. The words “should” or “may” are equivalent in this ITB and indicate very desirable conditions, or requirements but are permissive in nature.

3.2 INSTRUCTIONS TO BIDDERS**A. Bidder Qualification**

It is the policy of the County to encourage full and open competition among all available qualified vendors. All vendors regularly engaged in the type of work specified in the solicitation are encouraged to submit bids. Vendors may enroll with the County to be included on a mailing list for selected categories of goods and services. To be recommended for award the County requires that vendors provide evidence of compliance with the requirements below upon request:

1. Disclosure of Employment.
2. Disclosure of Ownership
3. Drug-Free Workplace
4. W-9 and 8109 Forms – The vendor must furnish these forms upon request as required by the Internal Revenue Service.
5. Social Security Number – The vendor must provide a copy of the primary owner’s social security card if the social security number is being used in lieu of the Federal Identification Number (F.E.I.N.).
6. Americans with Disabilities Act (A.D.A.).
7. Conflict of Interest
8. Debarment Disclosure Affidavit.
9. Nondiscrimination
10. Family Leave.
11. Antitrust Laws – By acceptance of any contract, the vendor agrees to comply with all applicable antitrust laws.

B. Public Entity Crimes

Pursuant to Section 287.133(2)(a) of the Florida Statutes, a person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid on a contract to provide any goods or services to a public

entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in Section 287.017 of the Florida Statutes, for CATEGORY TWO for a period of 36 months from the date of being placed on the convicted vendor list.

C. Request for Additional Information

Any communication or inquiries, except for clarification of process or procedure already contained in the solicitation, are to be made in writing to the attention of the procurement representative identified in the solicitation no later than five (5) working days prior to the bid opening date. Such inquiries shall contain the requester’s name, address, and telephone number. If transmitted by facsimile, the request should also include a cover sheet with the bidder’s facsimile number.

The Office of Procurement Services may issue an addendum in response to any inquiry received, prior to bid opening, which changes, adds to, or clarifies the terms, provisions, or requirements of the solicitation. The bidder should not rely on any representation, statement or explanation whether written or verbal, other than those made in this solicitation document or in any addenda issued. Where there appears to be a conflict between this solicitation and any addenda, the last addendum issued shall prevail. It is the bidder’s responsibility to ensure receipt of all addenda, and any accompanying documentation, the bidder is required to submit with its bid a signed “Acknowledgment of Addenda” form, when any addenda have been issued. Failure to acknowledge each addendum may prevent the bid from being considered for award.

D. Contents of Solicitation and Bidders’ Responsibilities

It is the responsibility of the bidder to become thoroughly familiar with the requirements, terms, and conditions of this solicitation. Pleas of ignorance of these matters by the bidder will not be accepted as a basis for varying the requirements of the County or the amount to be paid to the vendor.

E. Restricted Discussions

From the date of issuance of this solicitation until final County action, vendors should not discuss the solicitation or any part thereof with any employee, agent, or any other representative of the County except as expressly authorized by the designated procurement representative. The only communications that shall be considered pertinent to this solicitation are appropriately signed written documents from the vendor to the designated procurement representative and any relevant written document promulgated by the designated procurement representative.

F. Change or Withdrawal of Bids

Changes to Bid - Prior to bid opening, a bidder may change its bid by submitting a new bid as specified in the solicitation with a letter on the firm’s letterhead, signed by an authorized agent stating that the new submittal replaces the original submittal. The new submittal shall contain the letter and all information as required for submitting the original bid. No changes to a bid will be accepted after the bid opening date.

Withdrawal of Bid - A bid may be withdrawn, either physically or by written notice, at any time prior to the bid opening date. If withdrawn by written notice, that notice must be addressed to, and received by, the designated procurement representative prior to the bid opening date and time. A bid may also be withdrawn after expiration of the specified bid acceptance period, and prior to award, by submitting a letter to the designated procurement representative. The withdrawal letter must be on company letterhead and signed by an authorized agent of the bidder.

G. Conflicts within the Solicitation

Where there appears to be a conflict between the General Terms and Conditions, Special Conditions, the Technical Specifications, the Pricing Section, or any addendum issued, the order of precedence shall be: the last addendum issued, the Bid Price Section, the Technical Specifications, the Special Conditions, and then the General Terms and Conditions. It is incumbent upon the vendor to identify such conflicts to the designated procurement

representative prior to the bid or proposal response date.

H. Prompt Payment Terms

It is the policy of the County that payment for all purchases by County agencies shall be made in a timely manner and that interest payments will be made on late payments in accordance with Part VII, Chapter 218, Florida Statutes, known as the Florida Prompt Payment Act. The bidder may offer cash discounts for prompt payments; however, such discounts will not be considered in determining the lowest price during bid evaluation. Bidders are requested to provide prompt payment terms in the space provided on the signature page of the solicitation.

3.3 PREPARATION OF BIDS

- A. The Bid Pricing Section of this solicitation defines the goods or services to be purchased, and must be completed and submitted with the bid. Use of any other form or alteration of the form may result in the rejection of the bid.
- B. The bid submitted must be legible, and completed using typewriter, computer or ink. Any entry change must be crossed out and initialed in ink. Failure to comply with these requirements may cause the bid to be rejected.
- C. An authorized agent of the bidder's firm must sign the bid. **FAILURE TO SIGN THE BID MAY RENDER THE BID NON-RESPONSIVE.**
- D. The bidder may be considered non-responsive if bids are conditioned to modifications, changes, or revisions to the terms and conditions of this solicitation.
- E. The bidder may submit alternate bid(s) for the same solicitation provided that such offer is allowable under the terms and conditions. The alternate bid must meet or exceed the minimum requirements and be submitted as a separate bid marked "Alternate Bid".
- F. When there is a discrepancy between the unit prices and any extended prices, the unit prices will prevail.
- H. Any bid received after the stipulated bid opening date and time through no fault of the County will be considered late, and except under the most exceptional circumstances, not be considered for award.

3.4 CANCELLATION OF SOLICITATION

The County reserves the right to cancel, in whole or in part, any Invitation to Bid when it is in the best interest of the County.

3.5 AWARD

- A. Award may be made to the lowest priced responsive and responsible bidder. The County reserves the right to reject any and all bids, to waive non-material irregularities or technicalities and to re-advertise for all or any part of this solicitation as deemed in its best interest. The County shall be the sole judge of its best interest.
- B. When there are multiple line items in a solicitation, the County reserves the right to award on an individual item basis, any combination of items, total low bid or in whichever manner deemed in the best interest of the County. This provision specifically supersedes any method of award criteria stated in the solicitation when such action is clearly necessary to protect the best interests of the County.
- C. The County reserves the right to reject any and all bids if it is determined that prices are excessive or determined to be unreasonable, or it is otherwise determined to be in the County's best interest to do so.
- D. The County reserves the right to negotiate prices with the low bidder, provided that the scope of work is not amended.
- E. Award of this solicitation will only be made to firms that satisfy all necessary legal requirements to do business with the County. The County may conduct a pre-award inspection of the bidder's site or hold a pre-award qualification hearing to determine the responsibility and capacity of the bidder to perform the requirements of this solicitation. Award of the contract resulting from this solicitation may be predicated on compliance with and submittal of all required documents as

stipulated in the solicitation.

- F. The bidder's performance as a prime contractor or subcontractor on previous County contracts shall be taken into account in evaluating the responsibility of a bidder that submitted a bid under this solicitation.
- G. The Director of Procurement Services will decide all tie bids with initial preference being given to the entity employing the most personnel residing within the County.

3.6 CONTRACT EXTENSION

The County has the unilateral option to extend a contract for up to ninety (90) calendar days beyond the current contract period. In such event, the County will notify the vendor(s) in writing of such extensions. The contract may be extended beyond the initial ninety (90) day extension upon mutual agreement between the County and the vendor(s). Exercise of the above options requires the prior approval of the Director of Procurement Services.

3.7 WARRANTY

All warranties express and implied, shall be made available to the County for goods and services covered by this solicitation. All goods furnished shall be fully guaranteed by the vendor against factory defects and workmanship. At no expense to the County, the vendor shall correct any and all apparent and latent defects that may occur within the manufacturer's standard warranty period. The special conditions of the solicitation may supersede the manufacturer's standard warranty.

3.8 ESTIMATED QUANTITIES

Estimated quantities or dollars are for bidder's guidance only. No guarantee is expressed or implied as to quantities or dollar value that will be used during the contract period. The County is not obligated to place any order for a given amount subsequent to the award of this solicitation. The County may use any stated estimated quantities in the award evaluation process. Estimated quantities do not contemplate or include possible additional quantities that may be ordered by other government, quasi-governmental or non-profit entities utilizing this contract. In no event shall be County be liable for payments in excess of the amount due for quantities of goods or services actually ordered.

3.9 NON-EXCLUSIVITY

It is the intent of the County to enter into an agreement that will satisfy its needs as described within this solicitation. However, the County reserves the right as deemed in its best interest to perform, or cause to be performed, the work and services, or any portion thereof, herein described in any manner it sees fit. In no case will the County be liable for billings in excess of the quantity of goods or services actually provided under this contract.

3.10 CONTINUATION OF WORK

Any work that commences prior to and will extend beyond the expiration date of the current contract period shall, unless terminated by mutual written agreement between the County and the vendor, continue until completion without change to the then current prices, terms and conditions.

3.11 PROTEST OF AWARD

A vendor wishing to protest any award decision resulting from this solicitation shall do as set forth in the County's Purchasing Procedure Manual. It is incumbent upon the vendor to be aware of the posting of any associated award recommendation. Any protest received after the actual contract award date may be rejected.

3.12 RULES, REGULATIONS AND LICENSES

The vendor shall comply with all federal, state, and local laws and regulations applicable to provision of the goods and/or services specified in this solicitation.

3.13 SUBCONTRACTING

Unless otherwise specified in this solicitation, the vendor shall not

subcontract any portion of the work without the prior written consent of the County. The ability to subcontract may be further limited by the Special Conditions. Subcontracting without the prior consent of the County may result in termination of the contract for default.

3.14 ASSIGNMENT

The vendor shall not assign or transfer any contract resulting from this solicitation, including any rights, title or interest therein, or its power to execute such contract to any person, company or corporation without the prior written consent of the County.

3.15 DELIVERY

Unless otherwise specified in the solicitation, prices quoted shall be F.O.B. Destination. Freight shall be included in the bid price.

3.16 RESPONSIBILITIES AS EMPLOYER

The employee(s) of the vendor shall be considered to be at all times its employee(s), and not an employee(s) or agent(s) of the County or any of its departments. The contractor shall provide employee(s) capable of performing the work as required. The County may require the contractor to remove any employee it deems unacceptable. All employees of the contractor may be required to wear appropriate identification.

3.17 INDEMNIFICATION

The vendor shall indemnify and hold harmless the County and its officers, employees, agents and instrumentalities from any and all liability, losses or damages, including attorney's fees and costs of defense, which the County or its officers, employees, agents or instrumentalities may incur as a result of claims, demands, suits, causes of actions or proceedings of any kind or nature arising out of, relating to or resulting from the performance of the agreement by the vendor or its employees, agents, servants, partners, principals or subcontractors. The vendor shall pay all claims and losses in connection therewith, and shall investigate and defend all claims, suits or actions of any kind or nature in the name of the County, where applicable, including appellate proceedings, and shall pay all costs, judgments, and attorney's fees which may be incurred thereon. The vendor expressly understands and agrees that any insurance protection required by this Agreement or otherwise provided by the vendor shall in no way limit the responsibility to indemnify, keep and save harmless and defend the County or its officers, employees, agents and instrumentalities as herein provided.

3.18 COLLUSION

Where two (2) or more related parties, as defined herein, each submit a bid for the same contract, such bids shall be presumed to be collusive. The foregoing presumption may be rebutted by the presentation of evidence as to the extent of ownership, control and management of such related parties in preparation and submittal of such bids. Related parties shall mean bidder or the principals thereof which have a direct or indirect ownership interest in another bidder for the same contract or in which a parent company or the principals thereof of one bidder have a direct or indirect ownership interest in another bidder for the same contract. Furthermore, any prior understanding, agreement, or connection between two (2) or more corporations, firms, or persons submitting a bid for the same materials, supplies, services, or equipment shall also be presumed to be collusive. Bids found to be collusive shall be rejected. Bidders which have been found to have engaged in collusion may be considered non-responsible, and may be suspended or debarred, and any contract resulting from collusive bidding may be terminated for default.

3.19 MODIFICATION OF CONTRACT

Any contract resulting from this solicitation may be modified by mutual consent of duly authorized parties, in writing through the issuance of a modification to the contract and/or purchase order as appropriate. This presumes the modification itself is in compliance

with all applicable County procedures.

3.20 TERMINATION FOR CONVENIENCE

The County, at its sole discretion, reserves the right to terminate this contract upon thirty (30) days written notice. Upon receipt of such notice, the vendor shall not incur any additional costs under this contract. The County shall be liable only for reasonable costs incurred by the vendor prior to notice of termination. The County shall be the sole judge of "reasonable costs."

3.21 TERMINATION DUE TO UNAVAILABILITY OF FUNDING IN SUCCEEDING FISCAL YEARS

When funds are not appropriated or otherwise made available to support continuation of performance in a subsequent fiscal year, the contract shall be cancelled and the vendor shall be reimbursed for the reasonable value of any non-recurring costs incurred amortized in the price of the supplies or services/tasks delivered under the contract.

3.22 TERMINATION FOR DEFAULT

The County reserves the right to terminate this contract, in part or in whole, or place the vendor on probation in the event the vendor fails to perform in accordance with the terms and conditions stated herein. The County further reserves the right to suspend or debar the vendor in accordance with the appropriate County ordinances, resolutions and/or administrative orders. The vendor will be notified by letter of the County's intent to terminate. In the event of termination for default, the County may procure the required goods and/or services from any source and use any method deemed in its best interest. All re-procurement cost shall be borne by the vendor.

3.23 FRAUD AND MISREPRESENTATION

Any individual, corporation or other entity that attempts to meet its contractual obligations with the County through fraud, misrepresentation or material misstatement, may be debarred for up to five (5) years. The County as a further sanction may terminate or cancel any other contracts with such individual, corporation or entity with such vendor held responsible for all direct or indirect costs associated with termination or cancellation, including attorney's fees.

3.24 ACCESS TO RECORDS

The County reserves the right to require the vendor to submit to an audit by any auditor of the County's choosing. The Contractor shall provide access to all of its records, which relate directly or indirectly to this Agreement at its place of business during regular business hours. The vendor shall retain all records pertaining to this Agreement and upon request make them available to the County for three (3) years following expiration of the Agreement. The vendor agrees to provide such assistance as may be necessary to facilitate the review or audit by the County to ensure compliance with applicable accounting and financial standards.

3.25 PROPRIETARY/CONFIDENTIAL INFORMATION

Bidders are hereby notified that all information submitted as part of, or in support of bid submittals will be available for public inspection after opening of bids in compliance with Chapter 119 of the Florida Statutes; the "Public Record Law." The bidder should not submit any information in response to this solicitation which the bidder considers proprietary or confidential. The submission of any information to the County in connection with this solicitation shall be deemed conclusively to be a waiver of any protection from release of the submitted information unless such information is exempt or confidential under the Public Records Act.

3.26 CONTRACTING WITH COUNTY EMPLOYEES

Any County employee or member of his or her immediate family seeking to contract with the County shall seek a conflict of interest opinion from the procurement representative designated herein prior to submittal of a response or application of any type to

contract with the County. The affected employee shall disclose the employee's assigned function within the County and interest or the interest of his or her immediate family in the proposed contract and the nature of the intended contract.

3.27 INCURRED EXPENSES

This ITB does not commit the County to make an award nor shall the County be responsible for any cost or expense which may be incurred by any bidder in preparing and submitting a bid, or any cost or expense incurred by any bidder prior to the execution of a purchase order or contract agreement. By submitting a bid, the bidder also agrees that the County bears no responsibility for any costs of the bidder associated with any administrative or judicial proceedings resulting from this solicitation process.

3.28 COUNTY IS TAX-EXEMPT

The County is generally exempt from Federal Excise Taxes and all State of Florida sales and use taxes. Do not include any tax on any item or service. The County will sign an exemption certificate if submitted by the contractor.

Contractors doing business with the County are not exempt from paying sales tax to their suppliers for materials to fulfill contractual obligations with the County, nor shall any contractor be authorized to use any of the County's Tax Exemptions in securing such materials.

In the event the project is declared a sales tax recovery project by the County, the following procedure shall apply:

- (a) The County representative shall make a recommendation to the Division of Procurement Services regarding the materials to be purchased;
- (b) When those materials are purchased by the County, all purchase orders shall be issued directly from Procurement Services;
- (c) The County shall take title to those materials directly from the manufacturer/supplier and shall bear the risk of loss or damage to the materials which are delivered directly from the manufacturer/ supplier;
- (d) The County shall be invoiced directly for the materials from the manufacturer/supplier and shall pay the invoices directly to the manufacturer/supplier, presenting its sales tax exemption certificate at the time of payment.

The cost of any materials purchased through the sales tax recovery program shall be deducted from the contract amount and the vendor shall no longer be responsible for providing those materials. A written change order shall be executed.

3.29 GOVERNING LAWS

The interpretation, effect, and validity of any contract(s) resulting from this ITB shall be governed by the laws and regulations of the State of Florida, and Lake County, Florida. Venue of any court action shall be in Lake County, Florida. In the event that a suit is brought for the enforcement of any term of the contract, or any right arising there from, the parties expressly waive their respective rights to have such action tried by jury trial and hereby consent to the use of non-jury trial for the adjudication of such suit.

3.30 STATE REGISTRATION REQUIREMENTS

Any corporation submitting a bid in response to this ITB shall either be registered or have applied for registration with the Florida Department of State in accordance with the provisions of Chapter 607, Florida Statutes. A copy of the registration/ application may be required prior to award of a contract. Any partnership submitting a bid in response to this ITB shall have complied with the applicable provisions of Chapter 620, Florida Statutes. For additional information on these requirements, please contact the Florida Secretary of State's Office, Division of Corporations, 800.755.5111 (<http://www.dos.state.fl.us>).

3.31 PRIME CONTRACTOR

The vendor awarded the contract shall act as the prime contractor for all required items and services and shall assume full

responsibility for the procurement and maintenance of such items or services. The vendor shall be considered the sole point of contact with regard to all stipulations, including payment of all charges and meeting all requirements of this ITB. All subcontractors will be subject to advance review by the County in regards to competency and security concerns. After the award of the contract no change in subcontractors will be made without the consent of the County. The vendor shall be responsible for all insurance, permits, licenses, and related matters for any and all sub-contractors. Even if the subcontractor is self-insured, the County may require the contractor to provide any insurance certificates required by the work to be performed.

3.32 FORCE MAJEURE

The parties will exercise every reasonable effort to meet their respective obligations hereunder, but shall not be liable for delays resulting from force majeure or other causes beyond their reasonable control, including, but not limited to, compliance with any Government law or regulation, acts of nature, acts or omissions of the other party, Government acts or omissions, fires, strikes, national disasters, wars, riots, transportation problems and/or any other cause whatsoever beyond the reasonable control of the parties. Any such cause will extend the performance of the delayed obligation to the extent of the delay so incurred.

3.33 OTHER AGENCIES

With the consent of the vendor, other agencies may make purchases in accordance with the contract. Such purchases shall be governed by the same terms and conditions as stated herein with the exception of the change in agency name.

3.34 NO CLAIM FOR DAMAGES

No claim for damages or any claim other than for an extension of time shall be made or asserted against the County because of any delays. No interruption, interference, inefficiency, suspension, or delay in the commencement or progress of the Work shall relieve the vendor of duty to perform, or give rise to any right to damages or additional compensation from the County. The vendor's sole remedy shall be the right to seek an extension to the contract time. However, this provision shall not preclude recovery of damages by the vendor for hindrances or delays due solely to fraud, bad faith, or active interference on the part of the County.

3.35 TRUTH IN NEGOTIATION CERTIFICATE

For all lump-sum or cost-plus fixed fee agreements exceeding \$150,000, the firm awarded the agreement must execute a truth in negotiation certificate stating that the wage rates and other factual unit costs are accurate, complete and current, at the time of contracting. Any agreement requiring this certificate shall contain a provision that the original agreement price and any additions shall be adjusted to exclude any significant sums by which he owner determines the agreement price was increased due to inaccurate, incomplete, or non-current wage rates and other factual unit costs. All such agreement adjustments shall be made within one (1) year following the end of the contract. Execution of this Agreement constitutes execution of the Truth in Negotiation Certificate.

3.36 GRANT FUNDING

In the event any part of the contract is to be funded by federal, state, or other local agency monies, the vendor hereby agrees to comply with all requirements of the funding entity applicable to the use of the monies, including full application of requirements involving the use of minority firms, women's business enterprises, and labor surplus area firms. Vendors are advised that payments under the contract may be withheld pending completion and submission of all required forms and documents required of the vendor pursuant to the grant funding requirements. A copy of the requirements shall be supplied to the vendor by the County upon request.

ITB TITLE: 2500-GALLON ELLIPTICAL TANKER**NOTES:**

- Lake County is exempt from all taxes (Federal, State, Local). Pricing should be less all taxes. A Tax Exemption Certificate will be furnished upon request.
- The vendor shall not alter or amend any of the information (including, but not limited to stated units of measure, item description, or quantity) stated in the Pricing Section. If any quantities are stated in the pricing section as being “estimated” quantities, vendors are advised to review the “Estimated Quantities” clause contained in Section 3 of this solicitation.
- Each price offered in your bid shall be a firm-fixed price, exclusive of any tax. Any bid containing a modifying or “escalator” clause not specifically allowed for under the solicitation will not be considered.
- All pricing shall be FOB Destination unless otherwise specified in this solicitation document.
- All pricing submitted shall remain valid for a 90 day period. By signing and submitting a response to this solicitation, the vendor has specifically agreed to this condition.
- **Vendors are advised to visit our website at <http://www.lakecountyfl.gov> and register as a potential vendor. Vendors that have registered on-line receive an e-mail notice when the County issues a solicitation matching the commodity codes selected by a vendor during the registration process.**

ACKNOWLEDGEMENT OF ADDENDA

INSTRUCTIONS: Complete Part I or Part II, whichever applies

Part I:

The bidder must list below the dates of issue for each addendum received in connection with this ITB:

Addendum #1, Dated: _____

Addendum #2, Dated: _____

Addendum #3, Dated: _____

Addendum #4, Dated: _____

Part II:

☐ No Addendum was received in connection with this ITB.

PRICING SECTION

Item Number	Item Description	Unit	Estimated Quantity	Unit Price	Extended Price
1.	<p>2500 Gallon Elliptical Tanker, Navistar Model 7600-4 door chassis per the preceding specifications, terms and conditions</p> <p>State set percent above bidders net cost for the following replacement parts:</p> <p>Cab/Chassis Parts: _____ %</p> <p>Body Parts: _____ %</p> <p>Nearest factory authorized parts and service facility:</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>Miles from facility to Astatula, Florida:</p> <p>_____</p> <p>Name/Telephone/Cell/Pager Numbers of contact person:</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>Attach any extended warranties offered and the yearly costs after all the initial warranties expire (noted in warranty section in the Special Terms and Conditions)</p> <p>Proposed delivery time for specified fire apparatus after receipt of purchase order: (Please submit an approximate time table)</p> <p>_____ Days</p>	Each	1	\$ _____	\$ _____

	<p>Exceptions/Additions to specifications:</p> <p>Note: it shall be unacceptable for any bidder to make the statement “see specifications” in lieu of listing all exceptions/additions from the preceding specifications. It shall also be unacceptable for any bidder to submit the manufacturer’s literature in lieu of the above. ALL exceptions/additions to our specifications shall be either handwritten or typed on the bidders letterhead stationary and attached to their bid submittal</p>				
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By Signing This Bid the Bidder Attests and Certifies That:

- It satisfies all legal requirements (as an entity) to do business with the County.
- The undersigned vendor acknowledges that award of a contract may be contingent upon a determination by the County that the vendor has the capacity and capability to successfully perform the contract.
- The bidder hereby certifies that it understands all requirements of this solicitation, and that the undersigned individual is duly authorized to execute this bid document and any contract(s) and/or other transactions required by award of this solicitation.

Additional Certifications Requiring Completion:**Purchasing Agreements with Other Government Agencies**

This section is optional and will not affect contract award. If Lake County awarded you the proposed contract, would you sell under the same terms and conditions, for the same price, to other governmental agencies in the State of Florida? Each governmental agency desiring to accept to utilize this contract shall be responsible for its own purchases and shall be liable only for materials or services ordered and received by it. ☐ Yes ☐ No (Check one)

Certification Regarding Felony Conviction

Has any officer, director, or executive of the bidding entity been convicted of a felony during the past ten (10) years? ☐ Yes ☐ No (Check one)

Conflict of Interest Disclosure Certification

Except as listed below, no employee, officer, or agent of the firm has any conflicts of interest, real or apparent, due to ownership, other clients, contracts, or interests associated with this project; and, this bid is made without prior understanding, agreement, or connection with any corporation, firm, or person submitting a bid for the same services, and is in all respects fair and without collusion or fraud.

Exceptions: _____

General Vendor Information and Proposal Signature:

Firm Name: _____
 Street Address: _____
 Mailing Address (if different): _____
 Telephone No.: _____ Fax No.: _____ E-mail: _____
 FEIN No. _____ - _____ Prompt Payment Terms: _____ % _____ days, net _____
 Signature: _____ Date: _____
 Print Name: _____ Title: _____

Award of Contract by the County: (Official Use Only)

By signature below, the County confirms award to the above-identified vendor under the above identified solicitation. A separate purchase order will be generated by the County to support the contract.

Vendor awarded as:

- ☐ Sole vendor ☐ Pre-qualified pool vendor based on price
☐ Pre-qualified pool vendor (spot bid) ☐ Primary vendor for items: _____
☐ Secondary vendor for items: _____ ☐ Other status: _____

Signature of authorized County official: _____ Date: _____

Printed name: _____ Title: _____

Purchase Order Number assigned to this contract for billing purposes: _____

THE FOLLOWING DOCUMENTS ARE ATTACHED

Attachment 1: Work References

Attachment A: Recommended Parts to Stock

Attachment B: Check list

WORK REFERENCES

#1 Agency	
Address	
City, State, ZIP	
Contact Person	
Telephone	
Date(s) of Service	
Type of Service	
Comments:	

#1 Agency	
Address	
City, State, ZIP	
Contact Person	
Telephone	
Date(s) of Service	
Type of Service	
Comments:	

#1 Agency	
Address	
City, State, ZIP	
Contact Person	
Telephone	
Date(s) of Service	
Type of Service	
Comments:	

ATTACHMENT A
Recommended Stock Parts
(Attach list to this page)

Bid Check List

Bidder has enclosed in your opaque envelope properly addressed as

Bid Request No. 10-0809 Yes_____ No_____

Insurance Requirements (Section 1.8) Yes_____ No_____

Sample of Warranty Information (Section 1.12) Yes_____ No_____

List of Chassis licensed/authorized factory dealer
(Section 1.12) Yes_____ No_____

Two originals and three (3) copies
Of complete bid package (Section 1.13.2) Yes_____ No_____

Certification/Written Statement of Service
Facility (Section 1.22) Yes_____ No_____

Detailed Specifications (Section 2) Yes_____ No_____

Proposed Maintenance Agreement (Section 2)
With costs Yes_____ No_____

Recommended Stock Parts (Section 2)
Attachment A Yes_____ No_____

Exceptions to specifications (Section 2)
(If any) Yes_____ No_____

The complete bid document including pricing
-include service facility location
-available delivery
-miles from Astatula, Florida
-contact person information
-approximate time table for delivery Yes_____ No_____

References (Section 5) Yes_____ No_____